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1.311.1 Available under license

1.312 annotations 4.1.1.4

1.312.1 Available under license

1.313 rxjava 2.2.8

1.314 archaius-core 0.4.1

1.315 httpcomponents-mime 4.5.14

1.315.1 Available under license

1.316 jackson-databind 2.17.1

1.316.1 Available under license

1.317 kafka-protobuf-provider 5.5.5

1.317.1 Available under license

1.318 commons-logging 1.2

1.318.1 Available under license

1.319 netty-transport-native-unix-common 4.2.7.Final

1.319.1 Available under license

1.320 lz4-java 1.8.0

1.320.1 Available under license

1.321 guice-servlet 4.2.2

1.321.1 Available under license

1.322 mysql-jdbc 9.5.0

1.322.1 Available under license

1.323 rocksdbjni 10.4.2

1.323.1 Available under license

1.324 smallvec 1.15.1

1.324.1 Available under license

1.325 serde_json 1.0.145

1.325.1 Available under license

1.326 bcutil-fips 2.1.5

1.326.1 Available under license

1.327 slab 0.4.11

1.327.1 Available under license

1.328 hashbrown 0.16.0

1.328.1 Available under license

1.329 serde_core 1.0.228

1.329.1 Available under license

1.330 libm 0.2.15

1.330.1 Available under license

1.331 indexmap 2.11.4

1.331.1 Available under license

1.332 log 0.4.28

1.332.1 Available under license

1.333 intrusive-collections 0.9.7

1.333.1 Available under license

1.334 zookeeper 3.9.4

1.334.1 Available under license

1.335 bctls-fips 2.1.22

1.335.1 Available under license

1.336 splunk-otel-javaagent 2.20.1

1.336.1 Available under license

1.337 lcms 2.17

1.337.1 Available under license

1.338 rocksdb 1.5.7

1.338.1 Available under license

1.339 busybox 1.37.0-r20

1.339.1 Available under license

1.340 ssl-client 1.37.0-r20

1.340.1 Available under license

1.1 libjpeg 6b

1.1.1 Notifications :

This software is based in part on the work of the Independent JPEG Group.

1.1.2 Available under license :

The Independent JPEG Group's JPEG software

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README for release 6b of 27-Mar-1998

=====

This distribution contains the sixth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi,

Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

DOCUMENTATION

ROADMAP

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This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
RELATED SOFTWARE Other stuff you should get.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

install.doc How to configure and install the IJG software.
usage.doc Usage instructions for cjpeg, djpeg, jpegtran,
 rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.doc).
wizard.doc Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.

Programmer and internal

documentation:

libjpeg.doc How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.doc Overview of the JPEG library's internal structure.
filelist.doc Road map of IJG files.
coderrules.doc Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW

=====

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images.

JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

LEGAL ISSUES

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- (3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

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ansi2knr.c is included in this distribution by permission of L. Peter Deutsch, sole proprietor of its copyright holder, Aladdin Enterprises of Menlo Park, CA. ansi2knr.c is NOT covered by the above copyright and conditions, but instead by the usual distribution terms of the Free Software Foundation; principally, that you must include source code if you redistribute it. (See the file ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part of any program generated from the IJG code, this does not limit you more than the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that

"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

REFERENCES

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We

highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at <ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best full description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). This is by far the most complete exposition of JPEG in existence, and we highly recommend it.

The

JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still

Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department
C-Cube Microsystems, Inc.
1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at <ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz>. There is also a plain text version at <ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme

found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from [ftp.sgi.com](ftp://ftp.sgi.com) or from <ftp://ftp.uu.net/graphics/jpeg/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from <ftp://ftp.sgi.com/graphics/tiff/>.

ARCHIVE LOCATIONS

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The "official" archive site for this software is [ftp.uu.net](ftp://ftp.uu.net) (Internet address 192.48.96.9). The most recent released version can always be found there in directory [graphics/jpeg](ftp://ftp.uu.net/graphics/jpeg/). This particular version will be archived as <ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz>. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only [ftp.uu.net](ftp://ftp.uu.net) is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (<ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/>), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 "JPEG Tools". Again, these versions may sometimes lag behind the <ftp.uu.net> release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups comp.graphics.misc, news.answers, and other groups. It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other news.answers archive sites, including the official news.answers archive at [rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/](http://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/). If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body
send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2

RELATED SOFTWARE

=====

Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites,
notably <ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/>. Unfortunately PBPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from <ftp://havefun.stanford.edu/pub/jpeg/>. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS

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Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read.

(For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether

SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

TO DO

=====

The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.

1.2 bzip2 1.0.8

1.3 leveldb 1.23-r0

1.3.1 Available under license :

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1.4 libcxxabi 1.1.10.5

1.4.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Bnd-LastModified: 1695799258578

Bundle-ActivationPolicy: lazy

Bundle-Activator: org.xerial.snappy.SnappyBundleActivator

Bundle-Description: snappy-java: A fast compression/decompression library

Bundle-DocURL: <http://www.xerial.org/>

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-ManifestVersion: 2

Bundle-Name: snappy-java: A fast compression/decompression library

Bundle-NativeCode: org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=x86-64,org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=x64,org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=amd64,org/xerial/snappy/native/Windows/x86/snappyjava.dll;osname=win32;processor=x86,org/xerial/snappy/native/Mac/x86/libsnappyjava.jnilib;osname=macosx;processor=x86,org/xerial/snappy/native/Mac/x86_64/libsnappyjava.dylib;osname=macosx;processor=x86-64,org/xerial/snappy/native/Mac/aarch64/libsnappyjava.dylib;osname=macosx;processor=aarch64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=x86-64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=x64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=amd64,org/xerial/snappy/native/Linux/x86/libsnappyjava.so;osname=linux;processor=x86,org/xerial/snappy/native/Linux/aarch64/libsnappyjava.so;osname=linux;processor=aarch64,org/xerial/snappy/native/Linux/riscv64/libsnappyjava.so;osname=linux;processor=riscv64,org/xerial/snappy/native/Linux/arm/libsnappyjava.so;osname=linux;processor=arm,org/xerial/snappy/native/Linux/armv7/libsnappyjava.so;osname=linux;processor=arm_le,org/xerial/snappy/native/Linux/ppc64/libsnappyjava.so;osname=linux;processor=ppc64le,org/xerial/snappy/native/Linux/s390x/libsnappyjava.so;osname=linux;processor=s390x,org/xerial/snappy/native/AIX/ppc/libsnappyjava.a;osname=aix;processor=ppc,org/xerial/snappy/native/AIX/ppc64/libsnappyjava.a;osname=aix;processor=ppc64,org/xerial/snappy/native/SunOS/x86/libsnappyjava.so;osname=sunos;processor=x86,org/xerial/snappy/native/SunOS/x86_64/libsnappyjava.so;osname=sunos;processor=x86-64,org/xerial/snappy/native/SunOS/sparc/libsnappyjava.so;osname=sunos;processor=sparc

Bundle-SymbolicName: org.xerial.snappy.snappy-java

Bundle-Vendor: xerial.org

Bundle-Version: 1.1.10.5

Created-By: 11.0.20 (Azul Systems, Inc.)

Export-Package: org.xerial.snappy;uses:="org.osgi.framework,org.xerial.snappy.buffer,org.xerial.snappy.pool";version="1.1.10",org.xerial.snappy.buffer;version="1.1.10",org.xerial.snappy.pool;version="1.1.10"

Implementation-Title: snappy-java

Implementation-URL: <https://github.com/xerial/snappy-java>
Implementation-Vendor: xerial.org
Implementation-Vendor-Id: org.xerial.snappy
Implementation-Version: 1.1.10.5
Import-Package: org.osgi.framework;version="[1.5,2)"
Private-Package:
org.xerial.snappy.native.AIX.ppc,org.xerial.snappy.na
tive.AIX.ppc64,org.xerial.snappy.native.FreeBSD.x86_64,org.xerial.sna
ppy.native.Linux.aarch64,org.xerial.snappy.native.Linux.android-aarch
64,org.xerial.snappy.native.Linux.android-arm,org.xerial.snappy.nativ
e.Linux.arm,org.xerial.snappy.native.Linux.armv6,org.xerial.snappy.na
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6,org.xerial.snappy.native.Mac.x86_64,org.xerial.snappy.native,org.xe
rial.snappy.native.SunOS.sparc,org.xerial.snappy.native.SunOS.x86,org
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arch64,org.xerial.snappy.native.Windows.x86,org.xerial.snappy.native.
Windows.x86_64
Require-Capability:
osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Specification-Title: snappy-java
Specification-Vendor: xerial.org
Specification-Version: 1.1.10.5
Tool: Bnd-5.1.2.202007211702

Found in path(s):
* /snappy-java-1-1-10-5-jar/META-INF/MANIFEST.MF

1.5 zlib 1.3.1

1.5.1 Available under license :

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu
/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.3.1, January 22nd, 2024

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

*/

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```
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```

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```
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1.6 giflib 5.2.2

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1.7 lz4 1.10.0

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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

Files: *

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Independent JPEG Group: JPEG release 6b

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Ext headers GL/gl.h Khronos
 GL/gl.h Khronos
 GL/wgle.h Khronos
 KHR/khrplatform.h Khronos

include/GL/gl.h :

Mesa 3-D
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/opt/cola/permits/2698085333_1765184874.4767287/0/netty-codec-http3-4-2-7-final-sources-jar/io/netty/handler/codec/http3/Http3DataFrame.java/*

/opt/cola/permits/2698085333_1765184874.4767287/0/netty-codec-http3-4-2-7-final-sources-jar/io/netty/handler/codec/http3/Http3ErrorCode.java/*

/opt/cola/permits/2698085333_1765184874.4767287/0/netty-codec-http3-4-2-7-final-sources-jar/io/netty/handler/codec/http3/Http3Exception.java/*

/opt/cola/permits/2698085333_1765184874.4767287/0/netty-codec-http3-4-2-7-final-sources-jar/io/netty/handler/codec/http3/Http3Frame.java/*

/opt/cola/permits/2698085333_1765184874.4767287/0/netty-codec-http3-4-2-7-final-sources-jar/io/netty/handler/codec/http3/Http3FrameCodec.java/*

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/opt/cola/permits/2698085333_1765184874.4767287/0/netty-codec-http3-4-2-7-final-sources-jar/module-info.yml#

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1.15 picocontainer 2.15

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Eclipse

The following artifacts are EPL.

- * org.eclipse.jetty.orbit:org.eclipse.jdt.core

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- * org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

- * org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- * javax.servlet:javax.servlet-api

- * javax.annotation:javax.annotation-api

- * javax.transaction:javax.transaction-api

- * javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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1.17 compiler 0.9.13

1.17.1 Available under license :

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1.18 commons-io 2.16.1

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1.19 metrics-httpasyncclient 4.0.5

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1.20 error_prone_annotations 2.3.3

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```

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```

* /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/NoAllocation.java
* /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
* /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/concurrent/LockMethod.java
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Found in path(s):

```

* /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/FormatString.java
* /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/FormatMethod.java
* /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/MustBeClosed.java
* /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/RestrictedApi.java
*
* /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/CompatibleWith.java
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- * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java
- * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/RequiredModifiers.java
- * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/SuppressPackageLocation.java
- *
- /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/CompileTimeConstant.java
- * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/Immutable.java
- * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/Var.java
- * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/IncompatibleModifiers.java
- * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/concurrent/LazyInit.java
- * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/ForOverride.java

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- * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
- * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/CheckReturnValue.java
- *
- /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java

1.21 common-config 4.1.0

1.21.1 Available under license :

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1.22 bean-validation-api 2.0.1.Final

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1.23 mariadb-client 11.4.8-r0

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That's all there is to it!

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```

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```

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```
/* Structure of the name list */
```

```
struct show_table_contributors_st {  
    const char *name;  
    const char *location;  
    const char *comment;  
};
```

```
/*
```

Output from "SHOW CONTRIBUTORS"

Get permission before editing.

Names should be encoded using UTF-8.

See also <https://mariadb.com/kb/en/log-of-mariadb-contributions/>

```
*/
```

```
struct show_table_contributors_st show_table_contributors[] = {  
    /* MariaDB Foundation sponsors, alphabetical by tier */  
    {"Amazon", "https://www.amazon.com/", "Diamond Sponsor of the MariaDB Foundation"},  
    {"Acronis", "https://www.acronis.com/", "Platinum Sponsor of the MariaDB Foundation"},  
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```

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Upstream-Name: libmarias3

Upstream-Contact: Andrew Hutchings <linuxjedi@mariadb.com>

Maintainer: Andrew Hutchings <linuxjedi@mariadb.com>

Source: <https://github.com/mariadb-corporation/marias3>

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```

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```

```
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1.24 netty-codec-haproxy 4.2.7.Final

1.24.1 Available under license :

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```
/opt/cola/permits/2698841034_1765177655.7447894/0/netty-codec-haproxy-4-2-7-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyCommand.java/*
/opt/cola/permits/2698841034_1765177655.7447894/0/netty-codec-haproxy-4-2-7-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyConstants.java/*
/opt/cola/permits/2698841034_1765177655.7447894/0/netty-codec-haproxy-4-2-7-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyMessage.java/*
/opt/cola/permits/2698841034_1765177655.7447894/0/netty-codec-haproxy-4-2-7-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyMessageDecoder.java/*
/opt/cola/permits/2698841034_1765177655.7447894/0/netty-codec-haproxy-4-2-7-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyMessageEncoder.java/*
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/opt/cola/permits/2698841034_1765177655.7447894/0/netty-codec-haproxy-4-2-7-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyProtocolVersion.java/*
/opt/cola/permits/2698841034_1765177655.7447894/0/netty-codec-haproxy-4-2-7-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyProxiedProtocol.java/*
/opt/cola/permits/2698841034_1765177655.7447894/0/netty-codec-haproxy-4-2-7-final-sources-jar/io/netty/handler/codec/haproxy/HAProxySSLTLV.java/*
/opt/cola/permits/2698841034_1765177655.7447894/0/netty-codec-haproxy-4-2-7-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyTLV.java/*
/opt/cola/permits/2698841034_1765177655.7447894/0/netty-codec-haproxy-4-2-7-final-sources-jar/io/netty/handler/codec/haproxy/package-info.java/*
/opt/cola/permits/2698841034_1765177655.7447894/0/netty-codec-haproxy-4-2-7-final-sources-jar/module-info.yml#
```

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*

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```
<?xml version="1.0" encoding="UTF-8"?>
```

Found in path(s):

* /netty-codec-haproxy-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-codec-haproxy/pom.xml

1.25 jackson 2.17.3

1.25.1 Available under license :

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

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1.26 opentelemetry-sdk-extension-autoconfigure-spi 1.29.0

1.26.1 Available under license :

Apache-2.0

1.27 asm 8.0.1

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```
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Label.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ConstantDynamic.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/CurrentFrame.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/MethodWriter.java
*
/asm-8-0-1-sources-2-jar/org/objectweb/asm/AnnotationWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/RecordComponentVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Frame.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Type.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/TypeReference.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ModuleVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Handle.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/FieldVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Opcodes.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Handler.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ClassTooLargeException.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Constants.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/MethodTooLargeException.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ClassWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Attribute.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Symbol.java
*
/asm-8-0-1-sources-2-jar/org/objectweb/asm/signature/SignatureWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/MethodVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ClassReader.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Edge.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ClassVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/AnnotationVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ModuleWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/FieldWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/SymbolTable.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/signature/SignatureReader.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Context.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ByteVector.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/signature/SignatureVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/RecordComponentWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/TypePath.java
```

1.28 jackson 2.17.2

1.28.1 Available under license :

FastDoubleParser

This is a Java port of Daniel Lemire's fast_float project.

This project provides parsers for double, float, BigDecimal and BigInteger values.

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers.

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FastDoubleParser

jackson-core bundles a shaded copy of FastDoubleParser <<https://github.com/wrandelshofer/FastDoubleParser>>.
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https://github.com/fastfloat/fast_float

https://github.com/fastfloat/fast_float/blob/35d523195bf7d57aba0e735ad6eba1e6f71ba8d6/LICENSE-MIT

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<https://github.com/tbukt/bigint/tree/floatfft>

<https://github.com/tbukt/bigint/blob/617c8cd8a7c5e4fb4d919c6a4d11e2586107f029/LICENSE>

<https://github.com/wrandelshofer/FastDoubleParser/blob/39e123b15b71f29a38a087d16a0bc620fc879aa6/bigint-LICENSE>

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1.29 jackson 2.18.3

1.29.1 Available under license :

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1.30 jackson-dataformat-yaml 2.17.3

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1.31 netty-resolver-dns 4.2.7.Final

1.31.1 Available under license :

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/opt/cola/permits/2699297420_1765177942.9794893/0/netty-resolver-dns-4-2-7-final-sources-jar/META-

INF/native-image/io.netty/netty-resolver-dns/native-image.properties# Copyright 2020 The Netty Project
/opt/cola/permits/2699297420_1765177942.9794893/0/netty-resolver-dns-4-2-7-final-sources-
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/opt/cola/permits/2699297420_1765177942.9794893/0/netty-resolver-dns-4-2-7-final-sources-

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jar/io/netty/resolver/dns/UniSequentialDnsServerAddressStreamProvider.java/*
/opt/cola/permits/2699297420_1765177942.9794893/0/netty-resolver-dns-4-2-7-final-sources-
jar/io/netty/resolver/dns/UnixResolverDnsServerAddressStreamProvider.java/*
/opt/cola/permits/2699297420_1765177942.9794893/0/netty-resolver-dns-4-2-7-final-sources-
jar/io/netty/resolver/dns/UnixResolverOptions.java/*
/opt/cola/permits/2699297420_1765177942.9794893/0/netty-resolver-dns-4-2-7-final-sources-
jar/io/netty/resolver/dns/package-info.java/*
/opt/cola/permits/2699297420_1765177942.9794893/0/netty-resolver-dns-4-2-7-final-sources-jar/module-info.yml#
-----

```

Found in path(s):

*

No license file was found, but licenses were detected in source scan.

```
<?xml version="1.0" encoding="UTF-8"?>
```

Found in path(s):

* /netty-resolver-dns-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-resolver-dns/pom.xml

1.32 jakarta xml bind api 2.3.3

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1.33 pax-utils 1.3.8-r1

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1.34 metrics 4.2.36

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*

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Manifest-Version: 1.0

Automatic-Module-Name: com.codahale.metrics

Build-Jdk-Spec: 17

Bundle-Description: Metrics is a Java library which gives you unparall
eled insight into what your code does in production. Metrics p
rovides a powerful toolkit of ways to measure the behavior of critica
l components in your production environment.

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.html>

Bundle-ManifestVersion: 2

Bundle-Name: Metrics Core

Bundle-SymbolicName: io.dropwizard.metrics.core

Bundle-Version: 4.2.36

Created-By: Apache Maven Bundle Plugin 5.1.9

Export-Package: com.codahale.metrics;uses:="org.slf4j";version="4.2.36
"

Implementation-Title: Metrics Core

Implementation-Version: 4.2.36

Import-Package: org.slf4j;version="[1.6.0,2.0.0)"

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-6.3.1.202206071316

Found in path(s):

* /metrics-core-4-2-36-jar/META-INF/MANIFEST.MF

1.35 slf4j 2.0.16

1.35.1 Available under license :

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1.36 opentelemetry-semconv 1.29.0-alpha

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1.37 tomcat-jdbc 11.0.5

1.37.1 Available under license :

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The initial code for shuffling an array (originally in class "org.apache.commons.math3.random.RandomDataGenerator", now replaced by a method in class "org.apache.commons.math3.util.MathArrays") was inspired from the algorithm description provided in "Algorithms", by Ian Craw and John Pulham (University of Aberdeen 1999). The textbook (containing a proof that the shuffle is uniformly random) is available here:
<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.173.1898&rep=rep1&type=pdf>

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1.42 log4j-api 2.17.1

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1.43 jul-to-slf4j 1.7.26

1.44 cpp 14.2.0-r6

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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```
/* Definitions for BSD assembler syntax for Intel 386
   (actually AT&T syntax for insns and operands,
   adapted to BSD conventions for symbol names and debugging.)
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```

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```
/* Use the Sequent Symmetry assembler syntax. */
```

```
/* Define the syntax of pseudo-ops, labels and comments. */
```

```
/* Prefix for internally generated assembler
   labels. If we aren't using
   underscores, we are using prefix `.'s to identify labels that should
   be ignored, as in `i386/gas.h' --karl@cs.umb.edu */
```

```
#define LPREFIX "L"
```

```
/* Assembler pseudos to introduce constants of various size. */
```

```

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for debugger output. -- RMS
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line
that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE,SIZE) \
fprintf (FILE, "\t.space " HOST_WIDE_INT_PRINT_UNSIGNED"\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line
to define a global common symbol. */

#define
ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED) \
( fputs (".comm ", (FILE)), \
assemble_name ((FILE), (NAME)), \
fprintf ((FILE), "%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line
to define a local common symbol. */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED) \
( fputs (".lcomm ", (FILE)), \
assemble_name ((FILE), (NAME)), \
fprintf ((FILE), "%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT) \
( fputs (".lcomm ", (FILE)), \
assemble_name ((FILE), (NAME)), \
fprintf ((FILE), "%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line
that says to advance the location counter
to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE,LOG) \

```

```
if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))
```

```
/* This is how to store into the string BUF  
the symbol_ref name of an internal numbered  
label where  
PREFIX is the class of label and NUM is the number within the class.  
This is suitable for output with `assemble_name'. */
```

```
#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER) \  
    sprintf ((BUF), "%s%d", (PREFIX), (long)(NUMBER))
```

```
/* The prefix to add to user-visible assembler symbols. */
```

```
#define USER_LABEL_PREFIX "_"
```

```
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```

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Foundation, Inc., 51 Franklin Street - Fifth Floor, Boston, MA
02110-1301, USA. */

```
#ifndef __VTV_H__  
#define __VTV_H__
```

```
/* We could have used an enumeration here but it just makes it more  
difficult for the compiler to generate a call to this. These are
```

```

used as arguments to the function __VLTChangePermission, declared
below. */
#define __VLTP_READ_ONLY 0
#define __VLTP_READ_WRITE 1

#ifdef __cplusplus
extern "C" void __VLTChangePermission (int);
#else
extern void __VLTChangePermission (int);
#endif

#ifdef BIG_PAGE_SIZE
/* TODO - Replace '4096' below with correct big page size. */
#define VTV_PAGE_SIZE 4096
#else
#ifdef defined(__sun__) && defined(__svr4__) && defined(__sparc__)
#define VTV_PAGE_SIZE 8192
#elif defined(__loongarch_lp64)
/* The page size is configurable by the kernel to
be 4, 16 or 64 KiB.
For now, only the default page size of 16KiB is supported. */
#define VTV_PAGE_SIZE 16384
#else
#define VTV_PAGE_SIZE 4096
#endif
#endif

#endif /* __VTV_H__ */
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```

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1.45 netty 4.2.7.Final

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/opt/cola/permits/2689515117_1761642931.8325546/0/netty-all-4-2-7-final-jar/META-INF/maven/io.netty/netty-all/pom.xml<?xml version="1.0" encoding="UTF-8"?>

Found in path(s):

*

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Manifest-Version: 1.0

Created-By: Apache Maven Bundle Plugin 5.1.8

Built-By: runner

Build-Jdk: 11.0.28

Specification-Title: Netty/All-in-One

Specification-Version: 4.2

Specification-Vendor: The Netty Project

Implementation-Title: Netty/All-in-One

Implementation-Version: 4.2.7.Final

Implementation-Vendor-Id: io.netty

Implementation-Vendor: The Netty Project

Implementation-URL: https://netty.io/netty-all/

Multi-Release: true

Bnd-LastModified: 1760447415533

Build-Jdk-Spec: 11

Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.

Bundle-DocURL: <https://netty.io/>

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>

Bundle-ManifestVersion: 2

Bundle-Name: Netty/All-in-One

Bundle-SymbolicName: io.netty.all

Bundle-Vendor: The Netty Project

Bundle-Version: 4.2.7.Final

Import-Package: sun.nio.ch;resolution:=optional,org.bouncycastle.jcajce.provider;version="[1.0,2)";resolution:=optional

Tool: Bnd-6.3.1.202206071316

Found in path(s):

* /netty-all-4-2-7-final-jar/META-INF/MANIFEST.MF

1.46 apache-log4j 2.17.2

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1.47 jetty-continuation 9.4.57.v20241219

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- * javax.servlet:javax.servlet-api
- * javax.annotation:javax.annotation-api
- * javax.transaction:javax.transaction-api
- * javax.websocket:javax.websocket-api

Oracle OpenJDK

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- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

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- org.ow2.asm:asm-commons
- org.ow2.asm:asm

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org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.48 jackson-xc 2.18.3

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1.49 jeromq 0.3.5

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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Eclipse

The following artifacts are EPL.

* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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1.57 zlib 1.3.1-r2

1.57.1 Available under license :

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1.58 bouncy-castle 1.80

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1.59 scanelf 1.3.8-r1

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1.60 jackson-annotations 2.17.2

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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1.61 netty-codec 4.2.7.Final

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* /netty-codec-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-codec/pom.xml

1.62 jcl-over-slf4j 2.0.17

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1.63 netty-resolver-dns-classes-macos

4.2.7.Final

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```
/opt/cola/permits/2701261683_1765177961.5470712/0/netty-resolver-dns-classes-macos-4-2-7-final-sources-jar/io/netty/resolver/dns/macos/DnsResolver.java/*  
/opt/cola/permits/2701261683_1765177961.5470712/0/netty-resolver-dns-classes-macos-4-2-7-final-sources-jar/io/netty/resolver/dns/macos/MacOSDnsServerAddressStreamProvider.java/*  
/opt/cola/permits/2701261683_1765177961.5470712/0/netty-resolver-dns-classes-macos-4-2-7-final-sources-jar/io/netty/resolver/dns/macos/package-info.java/*  
/opt/cola/permits/2701261683_1765177961.5470712/0/netty-resolver-dns-classes-macos-4-2-7-final-sources-jar/module-info.yml# -----
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```
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* /netty-resolver-dns-classes-macos-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-resolver-dns-classes-macos/pom.xml

1.64 jetty-security 9.4.57.v20241219

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Eclipse

The following artifacts are EPL.

* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.65 jsr305 3.0.2

1.65.1 Available under license :

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/*  
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 * (http://creativecommons.org/licenses/by/2.5)  
 * Official home: http://www.jcip.net  
 */
```

Found in path(s):

- * /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/Immutable.java
- * /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/GuardedBy.java
- * /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/NotThreadSafe.java
- * /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/ThreadSafe.java

1.66 metrics-jetty 4.0.5

1.66.1 Available under license :

Apache-2.0

1.67 commons-codec 1.18.0

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1.69 jersey-client 2.41

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1.70 error_prone_annotations 2.36.0

1.70.1 Available under license :

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/opt/cola/permits/2661166068_1759450339.736064/0/error-prone-annotations-2-36-0-4-jar/META-INF/maven/com.google.errorprone/error_prone_annotations/pom.xml<?xml version="1.0" encoding="UTF-8"?>

Found in path(s):

*

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Manifest-Version: 1.0

Created-By: Maven JAR Plugin 3.2.2

Build-Jdk-Spec: 17

Multi-Release: true

Bundle-Description: Error Prone is a static analysis tool for Java that catches common programming mistakes at compile-time.

Bundle-DocURL: https://errorprone.info/error_prone_annotations

Bundle-License: "Apache 2.0";link="http://www.apache.org/licenses/LICENSE

E-2.0.txt"
Bundle-ManifestVersion: 2
Bundle-Name: error-prone annotations
Bundle-SCM: url="https://github.com/google/error-prone/error_prone_annotations",connection="scm:git:https://github.com/google/error-prone.git/error_prone_annotations",developer-connection="scm:git:git@github.com:google/error-prone.git/error_prone_annotations",tag=HEAD
Bundle-SymbolicName: com.google.errorprone.annotations
Bundle-Vendor: Google LLC
Bundle-Version: 2.36.0
Export-Package: com.google.errorprone.annotations;uses:="javax.lang.model.element";version="2.36.0",com.google.errorprone.annotations.concurrent;version="2.36.0"
Import-Package: javax.lang.model.element
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Found in path(s):

* /error-prone-annotations-2-36-0-4-jar/META-INF/MANIFEST.MF

1.71 netty-transport-udt 4.2.7.Final

1.71.1 Available under license :

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<?xml version="1.0" encoding="UTF-8"?>

Found in path(s):

* /netty-transport-udt-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-transport-udt/pom.xml

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/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-jar/io/netty/channel/udt/DefaultUdtChannelConfig.java/*

/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-jar/io/netty/channel/udt/DefaultUdtServerChannelConfig.java/*

/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-jar/io/netty/channel/udt/UdtChannel.java/*

/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-jar/io/netty/channel/udt/UdtChannelConfig.java/*

/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-jar/io/netty/channel/udt/UdtChannelOption.java/*

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/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-jar/io/netty/channel/udt/UdtServerChannel.java/*

/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-jar/io/netty/channel/udt/UdtServerChannelConfig.java/*

/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-

jar/io/netty/channel/udt/nio/NioUdtAcceptorChannel.java/*
/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-
jar/io/netty/channel/udt/nio/NioUdtByteAcceptorChannel.java/*
/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-
jar/io/netty/channel/udt/nio/NioUdtByteConnectorChannel.java/*
/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-
jar/io/netty/channel/udt/nio/NioUdtByteRendezvousChannel.java/*
/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-
jar/io/netty/channel/udt/nio/NioUdtMessageAcceptorChannel.java/*
/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-
jar/io/netty/channel/udt/nio/NioUdtMessageConnectorChannel.java/*
/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-
jar/io/netty/channel/udt/nio/NioUdtMessageRendezvousChannel.java/*
/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-
jar/io/netty/channel/udt/nio/NioUdtProvider.java/*
/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-
jar/io/netty/channel/udt/nio/package-info.java/*
/opt/cola/permits/2701593667_1765178214.1184156/0/netty-transport-udt-4-2-7-final-sources-
jar/io/netty/channel/udt/package-info.java/*

Found
in path(s):
*

1.72 netty-transport-sctp 4.2.7.Final

1.72.1 Available under license :

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/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/com/sun/nio/sctp/AbstractNotificationHandler.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/com/sun/nio/sctp/Association.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/com/sun/nio/sctp/AssociationChangeNotification.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/com/sun/nio/sctp/HandlerResult.java/*
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jar/com/sun/nio/sctp/MessageInfo.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/com/sun/nio/sctp/Notification.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/com/sun/nio/sctp/NotificationHandler.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/com/sun/nio/sctp/PeerAddressChangeNotification.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-

jar/com/sun/nio/sctp/SctpChannel.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/com/sun/nio/sctp/SctpServerChannel.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/com/sun/nio/sctp/SctpSocketOption.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/com/sun/nio/sctp/SctpStandardSocketOptions.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/com/sun/nio/sctp/SendFailedNotification.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/com/sun/nio/sctp/ShutdownNotification.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/com/sun/nio/sctp/UnsupportedOperationException.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/com/sun/nio/sctp/package-info.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/DefaultSctpChannelConfig.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/DefaultSctpServerChannelConfig.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/SctpChannel.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/SctpChannelConfig.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/SctpChannelOption.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/SctpMessage.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/SctpNotificationHandler.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/SctpServerChannel.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/SctpServerChannelConfig.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/nio/NioSctpChannel.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/nio/NioSctpServerChannel.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/nio/package-info.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/oio/OioSctpChannel.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/oio/OioSctpServerChannel.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/oio/package-info.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-
jar/io/netty/channel/sctp/package-info.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-

jar/io/netty/handler/codec/sctp/SctpInboundByteStreamHandler.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-jar/io/netty/handler/codec/sctp/SctpMessageCompletionHandler.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-jar/io/netty/handler/codec/sctp/SctpMessageToMessageDecoder.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-jar/io/netty/handler/codec/sctp/SctpOutboundByteStreamHandler.java/*
/opt/cola/permits/2701710117_1765178115.7539678/0/netty-transport-sctp-4-2-7-final-sources-jar/io/netty/handler/codec/sctp/package-info.java/*

Found

in path(s):

*

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<?xml version="1.0" encoding="UTF-8"?>

Found in path(s):

* /netty-transport-sctp-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-transport-sctp/pom.xml

1.73 commons-collections 3.2.2

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1.74 alpine-base 3.22.2-r0

1.74.1 Available under license :

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1.75 kafka-schema-serializer 6.2.1

1.75.1 Available under license :

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```
<project xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="http://maven.apache.org/POM/4.0.0"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">

  <modelVersion>4.0.0</modelVersion>

  <parent>
    <groupId>io.confluent</groupId>
    <artifactId>kafka-schema-registry-parent</artifactId>
    <version>6.2.1</version>
  </parent>

  <licenses>
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```

<license>
  <name>Apache License 2.0</name>
  <url>http://www.apache.org/licenses/LICENSE-2.0.html</url>
  <distribution>repo</distribution>
</license>
</licenses>

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<packaging>jar</packaging>
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    <scope>provided</scope>
  </dependency>
  <dependency>
    <groupId>io.confluent</groupId>
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    <version>${io.confluent.schema-registry.version}</version>
  </dependency>
  <dependency>
    <groupId>junit</groupId>
    <artifactId>junit</artifactId>
    <scope>test</scope>
  </dependency>
</dependencies>
</project>

```

Found in path(s):

* /kafka-schema-serializer-6-2-1-jar/META-INF/maven/io.confluent/kafka-schema-serializer/pom.xml

1.76 commons-lang3 3.18.0

1.76.1 Available under license :

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1.77 disruptor 3.4.2

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Found in path(s):

* /disruptor-3-4-2-sources-jar/com/lmax/disruptor/util/ThreadHints.java

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*/

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* /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventReleaser.java
* /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventReleaseAware.java
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* /disruptor-3-4-2-sources-jar/com/lmax/disruptor/Sequence.java
* /disruptor-3-4-2-sources-jar/com/lmax/disruptor/InsufficientCapacityException.java
* /disruptor-3-4-2-sources-jar/com/lmax/disruptor/Cursored.java
* /disruptor-3-4-2-sources-jar/com/lmax/disruptor/dsl/ProducerType.java
* /disruptor-3-4-2-sources-jar/com/lmax/disruptor/SequenceGroups.java
*
* /disruptor-3-4-2-sources-jar/com/lmax/disruptor/DataProvider.java
* /disruptor-3-4-2-sources-jar/com/lmax/disruptor/FixedSequenceGroup.java
* /disruptor-3-4-2-sources-jar/com/lmax/disruptor/Sequencer.java
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- */

Found in path(s):

- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/AggregateEventHandler.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventFactory.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/SequenceReportingEventHandler.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/SleepingWaitStrategy.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/ExceptionHandler.java
- *
- /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventProcessor.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/SequenceBarrier.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/BusySpinWaitStrategy.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventTranslatorTwoArg.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/IgnoreExceptionHandler.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/NoOpEventProcessor.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/BatchEventProcessor.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/dsl/ExceptionHandlerSetting.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/WorkerPool.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/util/DaemonThreadFactory.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/LiteBlockingWaitStrategy.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/dsl/EventProcessorInfo.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/PhasedBackoffWaitStrategy.java
- *
- /disruptor-3-4-2-sources-jar/com/lmax/disruptor/SingleProducerSequencer.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/AbstractSequencer.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/BlockingWaitStrategy.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/ProcessingSequenceBarrier.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/WorkHandler.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/RingBuffer.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventTranslatorThreeArg.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/WaitStrategy.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/MultiProducerSequencer.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/LifecycleAware.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/dsl/EventHandlerGroup.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/AlertException.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/SequenceGroup.java
- *
- /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventTranslatorVararg.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/YieldingWaitStrategy.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/dsl/ConsumerRepository.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventHandler.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/util/Util.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventTranslator.java

- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventTranslatorOneArg.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/WorkProcessor.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/dsl/Disruptor.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/FatalExceptionHandler.java

1.78 alpine-keys 2.5-r0

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Maintainer: Natanael Copa <ncopa@alpinelinux.org>

pkgname=alpine-keys

pkgver=2.5

pkgrel=0

pkgdesc="Public keys for Alpine Linux packages"

url="https://alpinelinux.org"

we install arch specific keys to /etc so we cannot do arch=noarch

arch="all"

license="MIT"

replaces="alpine-base"

1.79 mariadb-java-client 3.5.4

1.79.1 Available under license :

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/opt/cola/permits/2702672443_1765272276.9797432/0/mariadb-java-client-3-5-4-jar/org/mariadb/jdbc/DatabaseMetaData.class supportsLikeEscapeClause
/opt/cola/permits/2702672443_1765272276.9797432/0/mariadb-java-client-3-5-4-jar/org/mariadb/jdbc/DatabaseMetaData.class supportsLimitedOuterJoins

Found in path(s):

*

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Manifest-Version: 1.0

Created-By: 21.0.7 (Ubuntu)

Build-Jdk-Spec: 21

Export-Package: org.mariadb.jdbc;uses:="javax.sql,javax.transaction.xa,org.mariadb.jdbc.client,org.mariadb.jdbc.client.util,org.mariadb.jdbc.export,org.mariadb.jdbc.plugin,org.mariadb.jdbc.util,org.mariadb.jdbc.util.constants,org.mariadb.jdbc.util.timeout";version="3.5.4",org.mariadb.jdbc.client;uses:="org.mariadb.jdbc,org.mariadb.jdbc.client.util,org.mariadb.jdbc.export,org.mariadb.jdbc.message";version="3.5.4",org.mariadb.jdbc.util;uses:="javax.net,org.mariadb.jdbc,org.mariadb.jdbc.client,org.mariadb.jdbc.client.util";version="3.5.4",org.mariadb.jdbc.util.timeout;uses:="org.mariadb.jdbc,org.mariadb.jdbc.client.util";version="3.5.4",org.mariadb.jdbc.client.util;uses:="org.mariadb.jdbc.client,org.mariadb.jdbc.client.socket";version="3.5.4",org.mariadb.jdbc.util.constants;version="3.5.4",org.mariadb.jdbc.client.socket;uses:="org.mariadb.jdbc,org.mariadb.jdbc.client,org.mariadb.jdbc.client.util";version="3.5.4",org.mariadb.jdbc.message;uses:="org.mariadb.jdbc,org.mariadb.jdbc.client,org.mariadb.jdbc.client.socket,org.mariadb.jdbc.client.util,org.mariadb.jdbc.export";version="3.5.4",org.mariadb.jdbc.type;uses:="org.mariadb.jdbc.client";version="3.5.4",org.mariadb.jdbc.export;uses:="org.mariadb.jdbc,org.mariadb.jdbc.client";version="3.5.4",org.mariadb.jdbc.plugin;uses:="javax.net.ssl,org.mariadb.jdbc,org.mariadb.jdbc.client,org.mariadb.jdbc.client.socket,org.mariadb.jdbc.client.util,org.mariadb.jdbc.export";version="3.5.4",org.mariadb.jdbc.plugin.codec;uses:="org.mariadb.jdbc.client,org.mariadb.jdbc.client.socket,org.mariadb.jdbc.client.util,org.mariadb.jdbc.plugin,org.mariadb.jdbc.type";version="3.5.4",org.mariadb.jdbc.plugin.authentication.standard;uses:="org.mariadb.jdbc,org.mariadb.jdbc.client,org.mariadb.jdbc.client.socket,org.mariadb.jdbc.plugin";version="3.5.4",org.mariadb.jdbc.plugin.authentication.addon;uses:="org.mariadb.jdbc,org.mariadb.jdbc.client,org.mariadb.jdbc.client.socket,org.mariadb.jdbc.plugin";version="3.5.4",org.mariadb.jdbc.plugin.credential.aws;uses:="org.mariadb.jdbc,org.mariadb.jdbc.plugin";version="3.5.4",org.mariadb.jdbc.plugin.credential.env;uses:="org.mariadb.jdbc,org.mariadb.jdbc.plugin";version="3.5.4",org.mariadb.jdbc.plugin.credential.system;uses:="org.mariadb.jdbc,org.mariadb.jdbc.plugin";version="3.5.4",org.mariadb.jdbc.plugin.tls.main;uses:="javax.net.ssl,org.mariadb.jdbc,org.mariadb.jdbc.export,org.mariadb.jdbc.plugin";version="3.5.4"

Import-Package: javax.naming,javax.naming.ldap,javax.management,javax.sql,org.slf4j;resolution:=optional;version="[2.0,3)",javax.net;resolution:=optional,javax.net.ssl;resolution:=optional,com.sun.jna;resolution:=optional;version="[5.15,6)",com.sun.jna.platform.win32;resolution:=optional;version="[5.15,6)",javax.transaction.xa;resolution:=optional,waffle.windows.auth;resolution:=optional,waffle.windows.auth.impl;resolution:

=optional,org.ietf.jgss;resolution:=optional,javax.crypto;resolution:=optional,javax.security.auth.login;resolution:=optional,javax.security.auth.x500;resolution:=optional,software.amazon.awssdk.auth.credentials;resolution:=optional,software.amazon.awssdk.regions;resolution:=optional,software.amazon.awssdk.regions.providers;resolution:=optional,software.amazon.awssdk.services.rds;resolution:=optional,software.amazon.awssdk.services.rds.model;resolution:=optional

Multi-Release: true

Bnd-LastModified: 1751292090681

Bundle-Description: JDBC driver for MariaDB and MySQL

Bundle-Developers: mariadbJdbcDevelopers;name="mariadb jdbc developers"

Bundle-DocURL: <https://mariadb.com/kb/en/mariadb/about-mariadb-connector-j/>

Bundle-License: "LGPL-2.1-or-later"

Bundle-ManifestVersion: 2

Bundle-Name: mariadb-java-client

Bundle-SCM: url="https://github.com/mariadb-corporation/mariadb-connector-j",connection="scm:git:git://github.com/mariadb-corporation/mariadb-connector-j.git",developer-connection="scm:git:git@github.com:MariaDB/mariadb-connector-j.git",tag=HEAD

Bundle-SymbolicName: mariadb-java-client

Bundle-Vendor: mariadb.com

Bundle-Version: 3.5.4

Private-Package: org.mariadb.jdbc.client.column,org.mariadb.jdbc.client.context,org.mariadb.jdbc.client.impl,org.mariadb.jdbc.client.result,org.mariadb.jdbc.client.result.rowdecoder,org.mariadb.jdbc.client.socket.impl,org.mariadb.jdbc.client.tls,org.mariadb.jdbc.codec,org.mariadb.jdbc.message.client,org.mariadb.jdbc.message.server,org.mariadb.jdbc.message.server.util,org.mariadb.jdbc.plugin.array,org.mariadb.jdbc.plugin.authentication,org.mariadb.jdbc.plugin.authentication.addon.gssapi,org.mariadb.jdbc.plugin.authentication.standard.ed25519,org.mariadb.jdbc.plugin.authentication.standard.ed25519.math,org.mariadb.jdbc.plugin.authentication.standard.ed25519.math.ed25519,org.mariadb.jdbc.plugin.authentication.standard.ed25519.spec,org.mariadb.jdbc.plugin.credential,org.mariadb.jdbc.plugin.tls,org.mariadb.jdbc.pool,org.mariadb.jdbc.util.log,org.mariadb.jdbc.util.options

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-6.4.0.202211291949

Found in path(s):

* /mariadb-java-client-3-5-4-jar/META-INF/MANIFEST.MF

1.80 commons-lang3 2.6

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1.81 kafka-clients 3.9.1

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1.82 error_prone_annotations 2.23.0

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Manifest-Version: 1.0

Created-By: Maven JAR Plugin 3.2.2

Build-Jdk-Spec: 17

Automatic-Module-Name: com.google.errorprone.annotations

Bundle-Description: Error Prone is a static analysis tool for Java that catches common programming mistakes at compile-time.

Bundle-DocURL: https://errorprone.info/error_prone_annotations

Bundle-License: "Apache 2.0";link="http://www.apache.org/licenses/LICENSE-2.0.txt"

Bundle-ManifestVersion: 2

Bundle-Name: error-prone annotations

Bundle-SCM: url="https://github.com/google/error-prone/error_prone_annotations",connection="scm:git:https://github.com/google/error-prone.git/error_prone_annotations",developer-connection="scm:git:git@github.com:go

ogle/error-prone.git/error_prone_annotations",tag=HEAD
Bundle-SymbolicName: com.google.errorprone.annotations
Bundle-Vendor: Google LLC
Bundle-Version: 2.23.0
Export-Package: com.google.errorprone.annotations;uses:="javax.lang.model
element";version="2.23.0",com.google.errorprone.annotations.concurren
t;version="2.23.0"
Import-Package: javax.lang.model.element
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Found in path(s):

* /error-prone-annotations-2-23-0-4-jar/META-INF/MANIFEST.MF

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Found in path(s):

* /error-prone-annotations-2-23-0-4-jar/META-

INF/maven/com.google.errorprone/error_prone_annotations/pom.xml

1.83 jsqlparser 4.9

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/*-

* #L

* JSQLParser library

* %%

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* %%

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* #L%

*/

Found in path(s):

- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JsonFunctionType.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/ResetStatementValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/SpannerInterleaveIn.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/IfElseStatement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JsonFunctionExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/SavepointStatement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/PurgeObjectType.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/RenameTableStatement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JsonKeyValuePair.java
- *

- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/RowGetExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/ParserKeywordsUtils.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/update/UpdateSet.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/UnsupportedStatement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/ArrayConstructor.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/AlterSession.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/AlterSystemStatement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/AlterSystemOperation.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/PurgeStatement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/OracleNamedFunctionParameter.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/conditional/XorExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/AlterSessionOperation.java

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- * JSQlParser library
- * %%
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* 02110-1301 USA
*/

Found

in path(s):

* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/RollbackStatement.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JsonAggregateUniqueKeysType.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/ConnectByRootOperator.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JsonAggregateOnNullType.java

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```
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 * #L%
 * JSQLParser library
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 */
```

Found in path(s):

* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/refresh/RefreshMode.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/MySqlSqlCacheFlags.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/insert/ConflictActionType.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/GeometryDistance.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/insert/InsertConflictAction.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/OverlapsCondition.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/insert/InsertConflictTarget.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/WindowDefinition.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/AnalyzeValidator.java
*

/jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/OutputClause.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/analyze/Analyze.java

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 * #L%
 */
```

Found in path(s):

- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/H2Version.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/Model.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/AbstractValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/ReferentialAction.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/grant/Grant.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/parser/feature/ModifyableFeatureSet.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/ValidationException.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/alter/sequence/AlterSequence.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/ValidationUtil.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/GrantValidator.java
- *
- /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/CreateSynonymDepaser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/FeatureContext.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/schema/Synonym.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/parser/feature/FeatureSet.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/AlterSequenceDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/Validator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/Version.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/ParseContext.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/AbstractDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/MariaDbVersion.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/OracleVersion.java
- *
- /jsparser-4-9-sources-jar/net/sf/jsparser/statement/CreateFunctionalStatement.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/metadata/DatabaseMetaDataValidation.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/metadata/Named.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/metadata/DatabaseException.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/AlterSessionValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/create/table/RowMovementMode.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/metadata/JdbcDatabaseMetaDataCapability.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/GrantDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/AlterSequenceValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/metadata/NamesLookup.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/ShowTablesStatementDeparser.java
- *
- /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/SqlServerVersion.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/PostgresqlVersion.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/SQLVersion.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/metadata/MetadataContext.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/create/table/RowMovement.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/allowedtypes/AllowedTypesValidation.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/UnexpectedValidationException.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/OrderByValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/ValidationContext.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/MySqlVersion.java
- *


```

/jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/ContextKey.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/Validation.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/metadata/NamedObject.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/feature/DatabaseType.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/ParseException.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/show/ShowTablesStatement.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/allowedtypes/AllowedTypesContext.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/feature/FeatureConfiguration.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/AbstractJSqlParser.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/ValidationError.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/feature/FeatureSetValidation.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/feature/FeaturesAllowed.java
*
/jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/function/CreateFunction.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/ValidationCapability.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/metadata/AbstractDatabaseMetaDataCapability.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/ParseCapability.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/procedure/CreateProcedure.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/feature/Feature.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/synonym/CreateSynonym.java
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```

```

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%%
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```

Found in path(s):

```

* /jsqlparser-4-9-sources-jar/rr/xhtml12rst.xml

```

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```

Found in path(s):

```

* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/CCJSqlParser.java

```

- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/merge/MergeDelete.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/CCJSqlParserVisitor.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/Node.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/ParseException.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/merge/MergeOperationVisitor.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/MergeDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/JJTCCJSqlParserState.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/StreamProvider.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/CCJSqlParserTreeConstants.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/StringProvider.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/SimpleNode.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/Token.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/CCJSqlParserDefaultVisitor.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/merge/MergeOperationVisitorAdapter.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/merge/MergeOperation.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/TokenMgrException.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/Provider.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/CCJSqlParserConstants.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/CCJSqlParserTokenManager.java

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```

Found in path(s):

- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/NextValExpression.java

No license file was found, but licenses were detected in source scan.

```

/*
 * #L%
 * JSQLParser library
 * %%
 * Copyright (C) 2004 - 2020 JSQLParser
 * %%
 * Dual licensed under GNU LGPL 2.1 or Apache License 2.0
 * #L%
 */

```

Found in path(s):

- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/CreateSequenceValidator.java

- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/sequence/CreateSequence.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/CreateSynonymValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/CreateSequenceDeParser.java

No license file was found, but licenses were detected in source scan.

```
/*_
 * #L%
 * JSQLParser library
 * %%
 * Copyright (C) 2004 - 2019 JSQLParser
 * %%
 * Dual licensed under GNU LGPL 2.1 or Apache License 2.0
 * #L%
 */
```

Found in path(s):

- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/schema/MultiPartName.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/UpdateValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/conditional/OrExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/DescribeStatement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/DropValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/NumericBind.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/RowConstructor.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/ResetStatement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/arithmetic/IntegerDivision.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/First.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/OrderByVisitorAdapter.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/update/UpdateModifierPriority.java
- * /jsqlparser-4-9-sources-
- jar/net/sf/jsqlparser/util/validation/validator/RefreshMaterializedViewStatementValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/EqualsTo.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/Commit.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/delete/DeleteModifierPriority.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/FromItem.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/SelectItemVisitorAdapter.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/SetOperationList.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/FromItemVisitorAdapter.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/AlterViewValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/LimitDeparser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/TableStatementValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/UserVariable.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/DeleteDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/comment/Comment.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/UpsertValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/merge/MergeInsert.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/KSQLJoinWindow.java

- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/update/Update.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/ExecuteDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/WithItem.java
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- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/table/ColumnDefinition.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/OracleHint.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/AnalyticExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/Statement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/StatementVisitorAdapter.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/DropDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/table/ExcludeConstraint.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/TSQLLeftJoin.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JsonFunction.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/truncate/Truncate.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/StatementVisitor.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/WindowElement.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/insert/Insert.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/MinorThanEquals.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/LongValue.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/Alter.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/SQLServerHints.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/schema/Column.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/ExpressionVisitor.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/InsertValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/MySQLIndexHint.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/AllTableColumns.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/UpsertDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/OrderByClause.java
- *
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- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/arithmetic/Modulo.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/WindowRange.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/TSQLRightJoin.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/SelectDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/ShowTablesStatementValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/AlterViewDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/AlterValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/SetStatementValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/ComparisonOperator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/InExpression.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/JsonOperator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/OldOracleJoinBinaryExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/ASTNodeAccess.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/JSqlParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/table/CheckConstraint.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/GreaterThan.java

- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/LateralSubSelect.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/schema/Sequence.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/IntersectOp.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/CreateTableValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/TableStatement.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/view/TemporaryOption.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/WindowOffset.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/SupportsOldOracleJoinSyntax.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/DeclareStatement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/MinorThan.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Limit.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/view/CreateView.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/DeclareStatementDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/TableStatementDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/SimilarToExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/MinusOp.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/NotEqualsTo.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Fetch.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/ReplaceValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/Parenthesis.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/PivotVisitor.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/LimitValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/XMLSerializeExpr.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JsonAggregateFunction.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/UnionOp.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/MergeValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/arithmetic/Multiplication.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/SignedExpression.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/schema/Database.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/table/Index.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/IntervalExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/JSQLErrorException.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/CreateIndexValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Join.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/arithmetic/Concat.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/DoubleValue.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/StatementListener.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/CCJSqlParserUtil.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/IsDistinctExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/MySQLGroupConcat.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/GreaterThanEquals.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/BaseToken.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/table/ColDataType.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/ParenthesedFromItem.java

- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/AlterDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/CreateViewDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/IntoTableVisitor.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/CreateViewValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/DeleteValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/ShowStatementValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/SetStatement.java
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- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/ShowColumnsStatementDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/SelectValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/TimeValue.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/ExpressionDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/SetStatementDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/OptimizeFor.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/parser/ASTNodeAccessImpl.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/alter/ConstraintState.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/PivotXml.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/OracleHierarchicalExpression.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/parser/CCJSqlParserManager.java
- *
- /jsparser-4-9-sources-jar/net/sf/jsparser/statement/upsert/Upsert.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/StringValue.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/CreateIndexDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/DeclareType.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/DateTimeLiteralExpression.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/KSQLWindow.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/TablesNamesFinder.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/alter/AlterOperation.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/DeclareStatementValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/FromItemVisitor.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/CastExpression.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/schema/Table.java
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- /jsparser-4-9-sources-jar/net/sf/jsparser/statement/alter/ValidateConstraint.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/NullValue.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/WithIsolation.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/UseStatement.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/create/schema/CreateSchema.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/SelectItem.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/merge/Merge.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/CaseExpression.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/Alias.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/arithmetic/Division.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/relational/Between.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/alter/AlterExpression.java
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/datepicker-4-9-sources-jar/net/sf/datepicker/statement/select/SelectVisitorAdapter.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/JsonExpression.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/datepicker/ShowStatementDeParser.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/validator/ExecuteValidator.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/validator/GroupByValidator.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/datepicker/RefreshMaterializedViewStatementDeParser.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/AnyComparisonExpression.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/statement/refresh/RefreshMaterializedViewStatement.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/operators/arithmetic/BitwiseLeftShift.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/statement/select/UnPivot.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/validator/ValuesStatementValidator.java
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/datepicker-4-9-sources-jar/net/sf/datepicker/statement/merge/MergeUpdate.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/WhenClause.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/validator/ShowColumnsStatementValidator.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/operators/relational/LikeExpression.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/statement/ShowStatement.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/operators/relational/RegExpMatchOperator.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/datepicker/OrderByDeParser.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/statement/create/table/NamedConstraint.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/operators/arithmetic/Addition.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/statement/select/IntoTableVisitorAdapter.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/validator/ShowIndexStatementValidator.java
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/datepicker-4-9-sources-jar/net/sf/datepicker/expression/operators/arithmetic/Subtraction.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/DateValue.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/FilterOverImpl.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/statement/select/GroupByElement.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/VariableAssignment.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/AnyType.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/cnfexpression/MultipleExpression.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/statement/create/index/CreateIndex.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/statement/select/GroupByVisitor.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/operators/relational/FullTextSearch.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/statement/delete/Delete.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/cnfexpression/CNFConverter.java
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/datepicker-4-9-sources-jar/net/sf/datepicker/expression/Function.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/datepicker/ValuesStatementDeParser.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/operators/arithmetic/BitwiseXor.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/statement/select/AllColumns.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/operators/arithmetic/BitwiseAnd.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/AnalyticType.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/operators/relational/IsBooleanExpression.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/BinaryExpression.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/statement/select/OrderByVisitor.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/expression/operators/arithmetic/BitwiseRightShift.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/statement/create/table/CreateTable.java

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- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/cnfexpression/MultiAndExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/depaser/CreateTableDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/conditional/AndExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/TimeKeyExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Offset.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Pivot.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/ExtractExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/NotExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/CollateExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/Statements.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/view/AlterView.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/ShowColumnsStatement.java
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- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/SelectVisitor.java
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- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/arithmetic/BitwiseOr.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/depaser/ResetStatementDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/SelectUtils.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/insert/InsertModifierPriority.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/Matches.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/ExpressionValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/StatementValidator.java
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- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/EnableConstraint.java
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- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JdbcParameter.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Skip.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/OrderByElement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/depaser/ShowIndexStatementDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/AllValue.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/NamedExpressionList.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/PivotVisitorAdapter.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JdbcNamedParameter.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/TimestampValue.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/cnfexpression/MultiOrExpression.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/RegExpMatchOperatorType.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Select.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/depaser/ExpressionListDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/ExceptOp.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/view/ForceOption.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/depaser/GroupByDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/TableFunction.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/ExistsExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Top.java


```

* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/IsNullExpression.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/SetOperation.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/AddAliasesVisitor.java
*
/jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/PlainSelect.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/ArrayExpression.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/view/AutoRefreshOption.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/cnfexpression/CloneHelper.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/AlterSessionDeParser.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/InsertDeParser.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/PartitionByClause.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/KeepExpression.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/SelectItemVisitor.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/UseStatementValidator.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/TimezoneExpression.java
*
/jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/Block.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Distinct.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/SimpleCharStream.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/ConnectExpressionsVisitor.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/drop/Drop.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/table/ForeignKeyIndex.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/Expression.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/ExpressionVisitorAdapter.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/execute/Execute.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Values.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/ExplainStatement.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Wait.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/StatementDeParser.java
No license file was found, but licenses were detected in source scan.

```

```

/*-
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 * JSQlParser library
 * %%
 * Copyright (C) 2004 - 2023 JSQlParser
 * %%
 * Dual licensed under GNU LGPL 2.1 or Apache License 2.0
 * #L%
 */

```

Found in path(s):

```

* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/TranscodingFunction.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/ForClause.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/ParenthesedSelect.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/DoubleAnd.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/ParenthesedExpressionList.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/SampleClause.java

```

```

* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/LateralView.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/ContainedBy.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/MemberOfExpression.java
*
/jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/upsert/UpsertType.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/JoinHint.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/Contains.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/ReturningClause.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/TrimFunction.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/RangeExpression.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/ForMode.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/PerformanceTest.java
No license file was found, but licenses were detected in source scan.

```

```

/*-
 * #L%
 * JSQLParser library
 * %%
 * Copyright (C) 2004 - 2019 JSQLParser
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 * #L%
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```

Found in path(s):

```

* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/show/ShowIndexStatement.java
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```

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Found in path(s):

```

* /jsqlparser-4-9-sources-jar/META-INF/maven/com.github.jsqlparser/jsqlparser/pom.xml

```

1.84 classgraph 4.8.174

1.84.1 Available under license :

```

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 *
 * Author: Luke Hutchison
 *
 * Hosted at: https://github.com/classgraph/classgraph
 *
 * --
 */

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1.85 commons-jexl 3.4.0

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1.86 libstdc++ 14.2.0-r6

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

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Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands

`show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
```

```
Ty Coon, President of Vice
```

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Version 2.1, February 1999

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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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```
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   (actually AT&T syntax for insns and operands,
   adapted to BSD conventions for symbol names and debugging.)
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```

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```
/* Use the Sequent Symmetry assembler syntax. */
```

```
/* Define the syntax of pseudo-ops, labels and comments. */
```

```
/* Prefix for internally generated assembler
   labels. If we aren't using
   underscores, we are using prefix `.'s to identify labels that should
   be ignored, as in `i386/gas.h' --karl@cs.umb.edu */
```

```
#define LPREFIX "L"
```

```
/* Assembler pseudos to introduce constants of various size. */
```

```

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for debugger output. -- RMS
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line
that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE,SIZE) \
fprintf (FILE, "\t.space " HOST_WIDE_INT_PRINT_UNSIGNED"\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line
to define a global common symbol. */

#define
ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED) \
( fputs (".comm ", (FILE)), \
assemble_name ((FILE), (NAME)), \
fprintf ((FILE), "%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line
to define a local common symbol. */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED) \
( fputs (".lcomm ", (FILE)), \
assemble_name ((FILE), (NAME)), \
fprintf ((FILE), "%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT) \
( fputs (".lcomm ", (FILE)), \
assemble_name ((FILE), (NAME)), \
fprintf ((FILE), "%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line
that says to advance the location counter
to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE,LOG) \

```

```
if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))
```

```
/* This is how to store into the string BUF  
the symbol_ref name of an internal numbered  
label where  
PREFIX is the class of label and NUM is the number within the class.  
This is suitable for output with `assemble_name'. */
```

```
#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER) \  
    sprintf ((BUF), "%s%d", (PREFIX), (long)(NUMBER))
```

```
/* The prefix to add to user-visible assembler symbols. */
```

```
#define USER_LABEL_PREFIX "_"
```

```
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```

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Foundation, Inc., 51 Franklin Street - Fifth Floor, Boston, MA
02110-1301, USA. */

```
#ifndef __VTV_H__  
#define __VTV_H__
```

```
/* We could have used an enumeration here but it just makes it more  
difficult for the compiler to generate a call to this. These are
```

```

used as arguments to the function __VLTChangePermission, declared
below. */
#define __VLTP_READ_ONLY 0
#define __VLTP_READ_WRITE 1

#ifdef __cplusplus
extern "C" void __VLTChangePermission (int);
#else
extern void __VLTChangePermission (int);
#endif

#ifdef BIG_PAGE_SIZE
/* TODO - Replace '4096' below with correct big page size. */
#define VTV_PAGE_SIZE 4096
#else
#if defined(__sun__) && defined(__svr4__) && defined(__sparc__)
#define VTV_PAGE_SIZE 8192
#elif defined(__loongarch_lp64)
/* The page size is configurable by the kernel to
be 4, 16 or 64 KiB.
For now, only the default page size of 16KiB is supported. */
#define VTV_PAGE_SIZE 16384
#else
#define VTV_PAGE_SIZE 4096
#endif
#endif

#endif /* __VTV_H__ */
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```

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Version 3.1, 31 March 2009

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1.87 jctools-core 4.0.1

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Manifest-Version: 1.0

Bnd-LastModified: 1662622707903

Build-Jdk-Spec: 11

Bundle-Description: Java Concurrency Tools Core Library

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-ManifestVersion: 2

Bundle-Name: Java Concurrency Tools Core Library

Bundle-SymbolicName: org.jctools.core

Bundle-Version: 4.0.1

Created-By: Apache Maven Bundle Plugin 5.1.6

Export-Package: org.jctools.maps;version="4.0.1",org.jctools.util;uses:="sun.misc";version="4.0.1",org.jctools.queues;version="4.0.1",org.jctools.queues.atomic;uses:="org.jctools.queues";version="4.0.1",org.jctools.queues.unpadded;uses:="org.jctools.queues";version="4.0.1",org.jctools.counters;version="4.0.1"

Import-Package: sun.misc;resolution:=optional

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"

Tool: Bnd-6.2.0.202202251641

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1.88 commons-math 2.2

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/opt/cola/permits/2702995862_1765177700.6676168/0/netty-codec-memcache-4-2-7-final-sources-
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jar/io/netty/handler/codec/memcache/binary/BinaryMemcacheServerCodec.java/*
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jar/io/netty/handler/codec/memcache/binary/package-info.java/*
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jar/io/netty/handler/codec/memcache/package-info.java/*
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1.90 commons-codec 1.17.1

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 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/IntArrayList.java
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 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/BufferAllocator.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/SchemaUtil.java
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 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MessageInfo.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MapFieldBuilder.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/BinaryWriter.java
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 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ExtensionRegistryFactory.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Internal.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ManifestSchemaFactory.java

- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Extension.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/RpcCallback.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MessageSetSchema.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MutabilityOracle.java
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- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Descriptors.java
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- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ProtocolStringList.java
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- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MessageLiteToString.java
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- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Reader.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSchema.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Message.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ListFieldSchemas.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/DynamicMessage.java
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- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ProtoSyntax.java
- *
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- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Schema.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/RepeatedFieldBuilder.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/SmallSortedMap.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MapFieldLite.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/TextFormat.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/RpcChannel.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/DoubleArrayList.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/FieldType.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Protobuf.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MessageReflection.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MapFieldSchemas.java
- *
- /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MapFieldSchemaFull.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/CanIgnoreReturnValue.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ArrayDecoders.java

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* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/LazyStringList.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/TextFormatParseLocation.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/BooleanArrayList.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/AllocatedBuffer.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSetSchema.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/util/Timestamps.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/AbstractMessage.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/RpcController.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ExtensionSchemaFull.java
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/protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Service.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/util/FieldMaskUtil.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ByteBufferWriter.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ExtensionRegistry.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/util/Structs.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ListFieldSchema.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/PrimitiveNonBoxingCollection.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ExtensionLite.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/util/FieldMaskTree.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/BlockingRpcChannel.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MapFieldReflectionAccessor.java
*
/protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/CodedOutputStreamWriter.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/LazyStringArrayList.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/UninitializedMessageException.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/InvalidProtocolBufferException.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/FieldSet.java
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* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/GeneratedMessageV3.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/RepeatedFieldBuilderV3.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/SingleFieldBuilderV3.java

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1.94 asm 3.1

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- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/attrs/package.html
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/package.html
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- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/ByteVector.java
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- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/AnnotationVisitor.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/analysis/Analyzer.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/analysis/Interpreter.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/MethodWriter.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java

- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/util/TraceAbstractVisitor.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/commons/CodeSizeEvaluator.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/commons/StaticInitMerger.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/InsnList.java
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- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/analysis/Frame.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/commons/AnalyzerAdapter.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/LocalVariableNode.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
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- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/InsnNode.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/commons/RemappingClassAdapter.java

- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/signature/SignatureReader.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/util/ASMifierFieldVisitor.java
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- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/util/ASMifierClassVisitor.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/util/TraceClassVisitor.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/FieldInsnNode.java
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- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/commons/EmptyVisitor.java
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- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/commons/TableSwitchGenerator.java
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- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/ClassWriter.java
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- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/IincInsnNode.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/LineNumberNode.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/util/CheckSignatureAdapter.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/TypeInsnNode.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/commons/Method.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/InnerClassNode.java
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* /asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/Processor.java
* /asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/ASMContentHandler.java
* /asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/SAXClassAdapter.java
* /asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/SAXAdapter.java
*
/asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
* /asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/SAXFieldAdapter.java

1.95 jackson-dataformat-yaml 2.17.2

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.

It is currently developed by a community of developers.

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1.96 profiler 1.0.2

1.97 rxjava 1.3.8

1.97.1 Available under license :

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- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFlatMapSingle.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFlatMapCompletable.java

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- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoAfterTerminate.java
- * /rxjava-1-3-8-sources-4-jar/rx/singles/BlockingSingle.java
- * /rxjava-1-3-8-sources-4-jar/rx/observables/AsyncOnSubscribe.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/BlockingUtils.java
- * /rxjava-1-3-8-sources-4-jar/rx/SingleSubscriber.java

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* /rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/QueueProgressIndicators.java

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libraries/source/browse/guava/src/com/google/common/annotations/Beta.java

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* /rxjava-1-3-8-sources-4-jar/rx/internal/producers/ProducerObserverArbiter.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/producers/QueuedProducer.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BackpressureUtils.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/producers/ProducerArbiter.java

*

*/rxjava-1-3-8-sources-4-jar/rx/internal/producers/SingleProducer.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/producers/SingleDelayedProducer.java

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core/src/main/java/org/jctools/queues/SpSCUnboundedArrayQueue.java

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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOperatorCast.java

* /rxjava-1-3-8-sources-4-jar/rx/observables/ConnectableObservable.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeArray.java

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* /rxjava-1-3-8-sources-4-jar/rx/functions/Func7.java

* /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaPlugins.java

* /rxjava-1-3-8-sources-4-jar/rx/subscriptions/BooleanSubscription.java

* /rxjava-1-3-8-sources-4-jar/rx/exceptions/MissingBackpressureException.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipWhile.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorAsObservable.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorToObservableSortedList.java

- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorElementAt.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BufferUntilSubscriber.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorObserveOn.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/SubscriptionList.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/ScalarSynchronousObservable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoOnSubscribe.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeConcatIterable.java
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- /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWithLatestFromMany.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/IndexedRingBuffer.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/BackpressureDrainManager.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeUntil.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSubscribeOn.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorReplay.java
- * /rxjava-1-3-8-sources-4-jar/rx/exceptions/UnsubscribeFailedException.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeLast.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFromArray.java
- * /rxjava-1-3-8-sources-4-jar/rx/Subscription.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeDelayErrorIterable.java
- * /rxjava-1-3-8-sources-4-jar/rx/schedulers/Schedulers.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func4.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/functions/Action.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeSingle.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkip.java
- * /rxjava-1-3-8-sources-4-jar/rx/Producer.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimeoutTimedWithFallback.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeAmb.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorIgnoreElements.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoOnRequest.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeToMap.java
- * /rxjava-1-3-8-sources-4-jar/rx/Completable.java
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- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func6.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/NewThreadScheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/subjects/Subject.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorOnBackpressureBuffer.java
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- /rxjava-1-3-8-sources-4-jar/rx/functions/Action9.java
- * /rxjava-1-3-8-sources-4-jar/rx/schedulers/TimeInterval.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimeoutSelectorWithFallback.java
- * /rxjava-1-3-8-sources-4-jar/rx/Notification.java
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- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorAll.java
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- * /rxjava-1-3-8-sources-4-jar/rx/functions/Action5.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func0.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func9.java

- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTimestamp.java
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- * /rxjava-1-3-8-sources-4-jar/rx/observables/SyncOnSubscribe.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func8.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/functions/Action4.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDefer.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/RxRingBuffer.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDematerialize.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeGroupJoin.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeRange.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Action3.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFromIterable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorLatest.java
- * /rxjava-1-3-8-sources-4-jar/rx/observers/Subscribers.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMaterialize.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoOnEvent.java
- * /rxjava-1-3-8-sources-4-jar/rx/subscriptions/MultipleAssignmentSubscription.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnSubscribeMap.java
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- /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorOnBackpressureDrop.java
- * /rxjava-1-3-8-sources-4-jar/rx/exceptions/OnCompletedFailedException.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/TrampolineScheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorThrottleFirst.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/ImmediateScheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/observers/TestSubscriber.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorUnsubscribeOn.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSequenceEqual.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorToObservableList.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipLast.java
- * /rxjava-1-3-8-sources-4-jar/rx/subjects/SubjectSubscriptionManager.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Action8.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorGroupBy.java
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- /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeWhile.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeMap.java
- * /rxjava-1-3-8-sources-4-jar/rx/observers/SerializedObserver.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Function.java
- * /rxjava-1-3-8-sources-4-jar/rx/package-info.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorZip.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Action1.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMapNotification.java
- * /rxjava-1-3-8-sources-4-jar/rx/schedulers/TestScheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeTimeout.java
- * /rxjava-1-3-8-sources-4-jar/rx/observers/TestObserver.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSingle.java

- * /rxjava-1-3-8-sources-4-jar/rx/exceptions/OnErrorNotImplementedException.java
- * /rxjava-1-3-8-sources-4-jar/rx/schedulers/ImmediateScheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorZipIterable.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/subscriptions/RefCountSubscription.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeSwitchIfEmpty.java
- * /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaObservableExecutionHook.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func3.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/subscriptions/SequentialSubscription.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSerialize.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorMostRecent.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDoOnEach.java
- * /rxjava-1-3-8-sources-4-jar/rx/observers/Observers.java
- * /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaErrorHandler.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorAny.java
- * /rxjava-1-3-8-sources-4-jar/rx/schedulers/Timestamped.java
- * /rxjava-1-3-8-sources-4-jar/rx/observables/BlockingObservable.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func2.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMerge.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Action7.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorCast.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/CachedThreadScheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/schedulers/package-info.java
- * /rxjava-1-3-8-sources-4-jar/rx/Subscriber.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDelay.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeJoin.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeUsing.java
- * /rxjava-1-3-8-sources-4-jar/rx/subjects/BehaviorSubject.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Action6.java
- * /rxjava-1-3-8-sources-4-jar/rx/observables/GroupedObservable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/EventLoopsScheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeAutoConnect.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorToFuture.java
- * /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaObservableExecutionHookDefault.java
- * /rxjava-1-3-8-sources-4-jar/rx/subjects/ReplaySubject.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoOnUnsubscribe.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Action2.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeIterable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTimeInterval.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func5.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeRedo.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFilter.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorToIterator.java
- * /rxjava-1-3-8-sources-4-jar/rx/observers/SafeSubscriber.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeDelayErrorArray.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/GenericScheduledExecutorService.java

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*
/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeLastTimed.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CachedObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/LinkedList.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeUntilPredicate.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Func1.java
* /rxjava-1-3-8-sources-4-jar/rx/subscriptions/Subscriptions.java
* /rxjava-1-3-8-sources-4-jar/rx/exceptions/Exceptions.java
* /rxjava-1-3-8-sources-4-jar/rx/subscriptions/SerialSubscription.java
* /rxjava-1-3-8-sources-4-jar/rx/subscriptions/CompositeSubscription.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipLastTimed.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMerge.java
* /rxjava-1-3-8-sources-4-jar/rx/exceptions/CompositeException.java
* /rxjava-1-3-8-sources-4-jar/rx/exceptions/OnErrorThrowable.java
* /rxjava-1-3-8-sources-4-jar/rx/schedulers/NewThreadScheduler.java
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/rxjava-1-3-8-sources-4-jar/rx/subjects/UnicastSubject.java
* /rxjava-1-3-8-sources-4-jar/rx/exceptions/OnErrorFailedException.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/SleepingAction.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Action0.java
* /rxjava-1-3-8-sources-4-jar/rx/subjects/TestSubject.java
* /rxjava-1-3-8-sources-4-jar/rx/subjects/AsyncSubject.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorNext.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/ActionN.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorOnErrorResumeNextViaFunction.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeToObservableFuture.java
* /rxjava-1-3-8-sources-4-jar/rx/subjects/SerializedSubject.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeConcatArray.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/FuncN.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorScan.java
*
/rxjava-1-3-8-sources-4-jar/rx/schedulers/TrampolineScheduler.java
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*/

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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMulticast.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMapPair.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorEagerConcatMap.java

*

/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDistinct.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/ScheduledAction.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSampleWithObservable.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimerPeriodically.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/ExecutorScheduler.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithSize.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDebounceWithSelector.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDebounceWithTime.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithStartEndObservable.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/util/RxThreadFactory.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDelaySubscription.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithObservable.java

*

/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDelaySubscriptionOther.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeSkipTimed.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipUntil.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimerOnce.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithObservableFactory.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDistinctUntilChanged.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnSubscribeDelaySubscriptionOther.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorPublish.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithStartEndObservable.java

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* /rxjava-1-3-8-sources-4-jar/rx/internal/util/PlatformDependent.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorRetryWithPredicate.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDelaySubscriptionWithSelector.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithSingleObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDelayWithSelector.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoAfterTerminate.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeTimed.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithSize.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSwitch.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/NewThreadWorker.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorOnBackpressureLatest.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSampleWithTime.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithTime.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWithLatestFrom.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeRefCount.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpscLinkedArrayQueue.java
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core/src/main/java/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
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- * /rxjava-1-3-8-sources-4-jar/rx/Emitter.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTakeUntilObservable.java
- * /rxjava-1-3-8-sources-4-jar/rx/observables/package-info.java
- * /rxjava-1-3-8-sources-4-jar/rx/observers/SafeCompletableSubscriber.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/internal/util/ActionObserver.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeThrow.java
- * /rxjava-1-3-8-sources-4-jar/rx/observers/package-info.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTakeUntilCompletable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableFlatMapSingleToCompletable.java
- * /rxjava-1-3-8-sources-4-jar/rx/annotations/package-info.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/InternalObservableUtils.java
- * /rxjava-1-3-8-sources-4-jar/rx/BackpressureOverflow.java
- * /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaCompletableExecutionHook.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoOnUnsubscribe.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/subscriptions/Unsubscribed.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeLift.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleLiftObservableOperator.java
- * /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaSingleExecutionHook.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnErrorReturn.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeOnAssembly.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/package-info.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleFromObservable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeOnAssemblyCompletable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleFromEmitter.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeCreate.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/ActionNotificationObserver.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeOnAssemblySingle.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/subscriptions/CancellableSubscription.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleObserveOn.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/GenericScheduledExecutorServiceFactory.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/observers/AssertableSubscriber.java
- * /rxjava-1-3-8-sources-4-jar/rx/subjects/package-info.java
- * /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaSingleExecutionHookDefault.java

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* /rxjava-1-3-8-sources-4-jar/rx/internal/observers/AssertableSubscriberObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleFromCallable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/ObserverSubscriber.java
* /rxjava-1-3-8-sources-4-jar/rx/plugins/package-info.java
* /rxjava-1-3-8-sources-4-jar/rx/exceptions/package-info.java
* /rxjava-1-3-8-sources-4-jar/rx/exceptions/AssemblyStackTraceException.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleFromFuture.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTakeUntilSingle.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Cancellable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/EmptyObservableHolder.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleToObservable.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/SchedulerWhen.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/NeverObservableHolder.java
* /rxjava-1-3-8-sources-4-jar/rx/observers/AsyncCompletableSubscriber.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/SchedulePeriodicHelper.java
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* /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaHooks.java
* /rxjava-1-3-8-sources-4-jar/rx/singles/package-info.java
* /rxjava-1-3-8-sources-4-jar/rx/subscriptions/package-info.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDelay.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTimeout.java
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 * Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/atomic/SpSCAtomicArrayQueue.java
 */

```

Found in path(s):

```

/rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpSCExactAtomicArrayQueue.java
/rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpSCAtomicArrayQueue.java
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Found in path(s):

```

* /rxjava-1-3-8-sources-4-jar/rx/CompletableEmitter.java
* /rxjava-1-3-8-sources-4-jar/rx/CompletableSubscriber.java
* /rxjava-1-3-8-sources-4-jar/rx/SingleEmitter.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableFromEmitter.java
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```

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* /rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/SpmcArrayQueue.java
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* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/SchedulerLifecycle.java
 * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeReduce.java
 * /rxjava-1-3-8-sources-4-jar/rx/internal/util/SuppressAnimalSniffer.java
 * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTakeLastOne.java
 * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/DeferredScalarSubscriber.java
 *
 /rxjava-1-3-8-sources-4-jar/rx/internal/util/ExceptionsUtils.java
 * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeConcatMap.java
 * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeCollect.java
 * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnSubscribeUsing.java
 * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFromCallable.java
 * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/DeferredScalarSubscriberSafe.java
 * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOperatorOnErrorResumeNext.java
 * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeReduceSeed.java
 * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribePublishMulticast.java
 * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOperatorZip.java
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 * /rxjava-1-3-8-sources-4-jar/rx/Observable.java
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 */

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    * Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/util/UnsafeAccess.java
    */

```

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in path(s):

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/**
* This plugin class provides 2 ways to customize {@link Scheduler} functionality
* 1. You may redefine entire schedulers, if you so choose. To do so, override
* the 3 methods that return Scheduler (io(), computation(), newThread()).
* 2. You may wrap/decorate an {@link Action0}, before it is handed off to a Scheduler. The
system-
* supplied Schedulers (Schedulers.ioScheduler, Schedulers.computationScheduler,
* Scheduler.newThreadScheduler) all use this hook, so it's a convenient way to
* modify Scheduler functionality without redefining Schedulers wholesale.
*
* Also, when redefining Schedulers, you are free to use/not use the onSchedule decoration hook.
* <p>
* See {@link RxJavaPlugins} or the RxJava GitHub Wiki for information on configuring plugins:
* <a
href="https://github.com/ReactiveX/RxJava/wiki/Plugins">https://github.com/ReactiveX/RxJava/wiki/Plugins</a>.
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* /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaSchedulersHook.java

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This package contains code that relies on sun.misc.Unsafe. Before using it you MUST assert
UnsafeAccess.isUnsafeAvailable() == true

Much of the code in this package comes from or is inspired by the JCTools project:
<https://github.com/JCTools/JCTools>

JCTools has now published artifacts (<https://github.com/JCTools/JCTools/issues/17>) so RxJava could add JCTools as a "shadow" dependency (<https://github.com/ReactiveX/RxJava/issues/1735>). RxJava has a "zero dependency" policy for the core library, so if we do add it as a dependency, it won't be an externally visible dependency that results in a separate jar.

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In short, changes to public signatures of these classes will not be accounted for in the versioning of RxJava.

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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/README.md

1.98 snappy-java 1.1.10.5

1.98.1 Available under license :

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Manifest-Version: 1.0

Bnd-LastModified: 1695799258578

Bundle-ActivationPolicy: lazy

Bundle-Activator: org.xerial.snappy.SnappyBundleActivator

Bundle-Description: snappy-java: A fast compression/decompression libr

ary
Bundle-DocURL: <http://www.xerial.org/>
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Bundle-ManifestVersion: 2
Bundle-Name: snappy-java: A fast compression/decompression library
Bundle-NativeCode: org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=x86-64,org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=x64,org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=amd64,org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=x86,org/xerial/snappy/native/Mac/x86/libsnappyjava.jnilib;osname=macosx;processor=x86,org/xerial/snappy/native/Mac/x86_64/libsnappyjava.dylib;osname=macosx;processor=x86-64,org/xerial/snappy/native/Mac/aarch64/libsnappyjava.dylib;osname=macosx;processor=aarch64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=x86-64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=x64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=amd64,org/xerial/snappy/native/Linux/x86/libsnappyjava.so;osname=linux;processor=x86,org/xerial/snappy/native/Linux/aarch64/libsnappyjava.so;osname=linux;processor=aarch64,org/xerial/snappy/native/Linux/riscv64/libsnappyjava.so;osname=linux;processor=riscv64,org/xerial/snappy/native/Linux/arm/libsnappyjava.so;osname=linux;processor=arm,org/xerial/snappy/native/Linux/armv7/libsnappyjava.so;osname=linux;processor=arm_le,org/xerial/snappy/native/Linux/ppc64/libsnappyjava.so;osname=linux;processor=ppc64le,org/xerial/snappy/native/Linux/s390x/libsnappyjava.so;osname=linux;processor=s390x,org/xerial/snappy/native/AIX/ppc/libsnappyjava.a;osname=aix;processor=ppc,org/xerial/snappy/native/AIX/ppc64/libsnappyjava.a;osname=aix;processor=ppc64,org/xerial/snappy/native/SunOS/x86/libsnappyjava.so;osname=sunos;processor=x86,org/xerial/snappy/native/SunOS/x86_64/libsnappyjava.so;osname=sunos;processor=x86-64,org/xerial/snappy/native/SunOS/sparc/libsnappyjava.so;osname=sunos;processor=sparc
Bundle-SymbolicName: org.xerial.snappy.snappy-java
Bundle-Vendor: xerial.org
Bundle-Version: 1.1.10.5
Created-By: 11.0.20 (Azul Systems, Inc.)
Export-Package: org.xerial.snappy;uses:="org.osgi.framework,org.xerial.snappy.buffer,org.xerial.snappy.pool";version="1.1.10",org.xerial.snappy.buffer;version="1.1.10",org.xerial.snappy.pool;version="1.1.10"
Implementation-Title: snappy-java
Implementation-URL: <https://github.com/xerial/snappy-java>
Implementation-Vendor: xerial.org
Implementation-Vendor-Id: org.xerial.snappy
Implementation-Version: 1.1.10.5
Import-Package: org.osgi.framework;version="[1.5,2)"
Private-Package: org.xerial.snappy.native.AIX.ppc,org.xerial.snappy.native.AIX.ppc64,org.xerial.snappy.native.FreeBSD.x86_64,org.xerial.sna

ppy.native.Linux.aarch64,org.xerial.snappy.native.Linux.android-aarch64,org.xerial.snappy.native.Linux.android-arm,org.xerial.snappy.native.Linux.arm,org.xerial.snappy.native.Linux.armv6,org.xerial.snappy.native.Linux.armv7,org.xerial.snappy.native.Linux.ppc,org.xerial.snappy.native.Linux.ppc64,org.xerial.snappy.native.Linux.ppc64le,org.xerial.snappy.native.Linux.riscv64,org.xerial.snappy.native.Linux.s390x,org.xerial.snappy.native.Linux.x86,org.xerial.snappy.native.Linux.x86_64,org.xerial.snappy.native.Mac.aarch64,org.xerial.snappy.native.Mac.x86,org.xerial.snappy.native.Mac.x86_64,org.xerial.snappy.native,org.xerial.snappy.native.SunOS.sparc,org.xerial.snappy.native.SunOS.x86,org.xerial.snappy.native.SunOS.x86_64,org.xerial.snappy.native.Windows.aarch64,org.xerial.snappy.native.Windows.x86,org.xerial.snappy.native.Windows.x86_64

Require-Capability:

osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"

Specification-Title: snappy-java

Specification-Vendor: xerial.org

Specification-Version: 1.1.10.5

Tool: Bnd-5.1.2.202007211702

Found in path(s):

* /snappy-java-1-1-10-5-1-jar/META-INF/MANIFEST.MF

1.99 jetty-util 9.4.57.v20241219

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Eclipse

The following artifacts are EPL.

- * org.eclipse.jetty.orbit:org.eclipse.jdt.core

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- * org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

- * org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- * javax.servlet:javax.servlet-api

- * javax.annotation:javax.annotation-api

- * javax.transaction:javax.transaction-api

- * javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.100 jackson-jaxrs-base 2.17.2

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1.101 mariadb 11.4.8-r0

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The MariaDB packages were initially made by <http://ourdelta.org/>, and are now managed by the MariaDB development team, developers@lists.mariadb.org

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Upstream-Contact: David Garske <david@wolfssl.com>

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```
/* Structure of the name list */
```

```
struct show_table_contributors_st {
    const char *name;
    const char *location;
    const char *comment;
};
```

```
/*
```

Output from "SHOW CONTRIBUTORS"

Get permission before editing.

Names should be encoded using UTF-8.

See also <https://mariadb.com/kb/en/log-of-mariadb-contributions/>

*/

```
struct show_table_contributors_st show_table_contributors[] = {
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{"Acronis", "https://www.acronis.com/", "Platinum Sponsor of the MariaDB Foundation"},
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```

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Upstream-Name: libmarias3

Upstream-Contact: Andrew Hutchings <linuxjedi@mariadb.com>

Maintainer: Andrew Hutchings <linuxjedi@mariadb.com>

Source: <https://github.com/mariadb-corporation/marias3>

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1.102 gcompat 1.1.0-r4

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1.103 aopalliance-repackaged 2.5.0

1.104 bcprov-jdk18on 1.80

1.104.1 Available under license :

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```
/**
 * Poly1305 message authentication code, designed by D. J. Bernstein.
 * <p>
 * Poly1305 computes a 128-bit (16 bytes) authenticator, using a 128 bit nonce and a 256 bit key
 * consisting of a 128 bit key applied to an underlying cipher, and a 128 bit key (with 106
 * effective key bits) used in the authenticator.
 * <p>
 * The polynomial calculation in this implementation is adapted from the public domain <a
 * href="https://github.com/floodyberry/poly1305-donna">poly1305-donna-unrolled</a> C implementation
 * by Andrew M (@floodyberry).
 * @see Poly1305KeyGenerator
 */
```

Found in path(s):

/bcprov-jdk18on-1-80-sources-jar/org/bouncycastle/crypto/macs/Poly1305.java

No license file was found, but licenses were detected in source scan.

```
/**
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 *
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```

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* OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER

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*/

Found in path(s):

* /bcprov-jdk18on-1-80-sources-jar/org/bouncycastle/LICENSE.java

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public DomainParameters(BigInteger p, BigInteger g, BigInteger q, BigInteger j,

Found in path(s):

* /bcprov-jdk18on-1-80-sources-jar/org/bouncycastle/asn1/x9/DomainParameters.java

No license file was found, but licenses were detected in source scan.

/**

* Contains the polynomial classes used in the NTRU round 3 algorithm.

*

* <p>

* This implementation is based on the C reference implementation submitted for the round 3 NIST PQC competition,

* released under CC0-1.0 license.

* </p>

*

* <p>NIST submission files</p>

* <p>License of reference implementation</p>

*/

Found in path(s):

* /bcprov-jdk18on-1-80-sources-jar/org/bouncycastle/pqc/math/ntru/package-info.java

No license file was found, but licenses were detected in source scan.

// now keep space is free to use

Found in path(s):

* /bcprov-jdk18on-1-80-sources-jar/org/bouncycastle/pqc/legacy/crypto/gmss/GMSSPrivateKeyParameters.java

No license file was found, but licenses were detected in source scan.

/**

* SPHINCS-256 signer.

* <p>

* This implementation is heavily based on the reference implementation in SUPERCOP, the main difference being the digests used

* for message hashing and tree construction are now configurable (within limits...) and that the implementation produces

* detached signatures.
* </p>
* <p>
* The SPHINCS reference implementation is public domain, as per the statement in the second last paragraph of
* section 1 in <https://eprint.iacr.org/2014/795.pdf>
* </p>
*/

Found in path(s):

* /bcprov-jdk18on-1-80-sources-jar/org/bouncycastle/pqc/crypto/sphincs/SPHINCS256Signer.java
No license file was found, but licenses were detected in source scan.

/**
* An implementation of RFC 7253 on The OCB
* Authenticated-Encryption Algorithm. For those still concerned about the original patents
* around this, please see:
* <p>
* <https://mailarchive.ietf.org/arch/msg/cfrg/qLTveWOdTJcLn4HP3ev-vrj05Vg/>
* </p>
* Text reproduced below.
* <blockquote>
* Phillip Rogaway >rogaway@cs.ucdavis.edu< Sat, 27 February 2021 02:46 UTCShow header
*
* I can confirm that I have abandoned all OCB patents
* and placed into the public domain all OCB-related IP of mine.
* While I have been telling people this for quite some time, I don't
* think I ever made a proper announcement to the CFRG or on the
* OCB webpage. Consider that done.
* </blockquote>
*/

Found in path(s):

* /bcprov-jdk18on-1-80-sources-jar/org/bouncycastle/crypto/modes/OCBBlockCipher.java
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/**
* The NTRU algorithm based on the round 3 submission of the NIST post-quantum cryptography. For the old
NTRU, see
* {@link org.bouncycastle.pqc.legacy.crypto.ntru}.
*
* <p>
* This implementation is based on the C reference implementation submitted for the round 3 NIST PQC
competition,
* released under CC0-1.0 license.
* </p>
*
* <p>NIST submission files</p>

```
* <p><a href="https://github.com/jschanck/ntru/blob/master/LICENSE">License of reference
implementation</a></p>
*
* @see <a href="https://csrc.nist.gov/Projects/post-quantum-cryptography/round-3-submissions">NIST round 3
PQC submissions page</a>
* @see <a href="https://ntru.org/">NTRU website</a>
* @see <a href="https://ntru.org/f/ntru-20190330.pdf">NTRU specification</a>
*/
```

Found in path(s):

```
* /bcprov-jdk18on-1-80-sources-jar/org/bouncycastle/pqc/crypto/ntru/package-info.java
```

No license file was found, but licenses were detected in source scan.

```
/**
```

```
 * Magic value for proprietary OpenSSH private key.
```

```
 **/
```

Found in path(s):

```
* /bcprov-jdk18on-1-80-sources-jar/org/bouncycastle/crypto/util/OpenSSHPrivateKeyUtil.java
```

1.105 ca-certificates 20250911-r0

1.105.1 Available under license :

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```
/opt/cola/permits/2660733757_1759915527.765318/0/ca-certificates-20250911-r0-tar-gz/usr/share/ca-
certificates/mozilla/HARICA_TLS_RSA_Root_CA_2021.crt-----BEGIN CERTIFICATE-----
/opt/cola/permits/2660733757_1759915527.765318/0/ca-certificates-20250911-r0-tar-gz/usr/share/ca-
certificates/mozilla/QuoVadis_Root_CA_2.crt-----BEGIN CERTIFICATE-----
/opt/cola/permits/2660733757_1759915527.765318/0/ca-certificates-20250911-r0-tar-gz/usr/share/ca-
certificates/mozilla/TWCA_Global_Root_CA.crt-----BEGIN CERTIFICATE-----
/opt/cola/permits/2660733757_1759915527.765318/0/ca-certificates-20250911-r0-tar-gz/usr/share/ca-
certificates/mozilla/TrustAsia_TLS_RSA_Root_CA.crt-----BEGIN CERTIFICATE-----
```

Found in path(s):

```
*
```

No license file was found, but licenses were detected in source scan.

```
-----BEGIN CERTIFICATE-----
```

```
MIIFWjCCA0KgAwIBAgISEdK7udcjGJ5AXwqdLdDfJWfRMA0GCSqGSIb3DQEBAUA
MEYx CzAJBgNVBAYTAkJFMRkwFwYDVQQKExBHbG9iYWxTaWduIG52LXNhMRwwGgYD
VQQDExNHbG9iYWxTaWduIFJvb3QgUjQ2MB4XDTE5MDMyMDAwMDAwMFoXDTQ2MDMy
MDAwMDAwMFowRjELMAkGA1UEBhMCQkUxGTAXBgNVBAoTEEdsb2JhbFNpZ24gbnYt
c2ExHDAaBgNVBAMTE0dsb2JhbFNpZ24gUm9vdCBSNDYwgglI MA0GCSqGSIb3DQEB
AQUAA4ICDwAwggIKAoICAQCsrHQy6LNl5brtQyYdpokNRbopiLKkHWPd08EsCvEj
OaFV6Wc0dwxu5FUdUiXSE2te4R2pt32JMI8Nnp8semNgQB+msLZ4j5lUlgHYruQG
```

vGIFAha/r6gjA7aUD7xubMLL1aa7DOn2wQL7ld5m3RerdELv8HQvJfTqa1VbkNud
316HCkD7rRlr+/fKYIJe2sGP1q7Vf9Q8g+7XFkyDRTNrJ9CG0Bwta/OrffGFqfUo
0q3v84RLHif8E6M6cqJaESvWJ3En7YEtbWaBkoe0G1h6zD8K+kZPTXhc+Ctl4wSE
y132tGqzZfxCnlEmIyDLPRt5ge1lFgBPGmSXZgjPjHvjK8Cd+RTyG/FWaha/LIWF
zXg4mutCagI0GIMXTpRW+LaCtfOW3T3zvn8gdz57GSNrLNRyc0NXfeD412lPFzYE
+cCQYDdF3uYM2HSNrpyibXRdQr4G9dlkgbIqrImwTDsHTUB+JMWKmIJ5jqSngiCN
l/onccnfxfkF0eE32kRbcRoxfKWMxWxEM2G/CtjJ9++ZdU6Z+Ffy7dXxd7Pj2Fxs
x2sZy/N78CsHpdlseVR2bJ0cpm4O6XkMqCNqo98bMDGfsVR7/mrLZqrcZdCinkqa
ByFrgY/bxFn63iLABJzjqls2k+g9vXqhnQt2sQvHnf3PmKgGwvqqo6GDoLclcqUC
4wIDAQABo0IwQDAOBgNVHQ8BAf8EBAMCAYYwDwYDVR0TAQH/BAUwAwEB/zAdBgNV
HQ4EFgQUA1yrc4GHqMywptWU4jaWSf8FmSwwDQYJKoZIhvcNAQEMBQADggIBAHx4
7PYCLLtbfpIrXTcvtgdokIzTfnvpCo7RGkerNlFo048p9gkUbJUHJNOxO97k4Vg
JuoJSOD1u8fpaNK7ajFxzHmuEajwmf3lH7wvqMxX63bElazHU1VNaL8FpO7XJqti
2kM3S+LGteWygxk6x9PbTZ4IevPuzz5i+6zoYMzRx6Fcg0XERczzF2sUyQQCPtlk
pnnpHs6i58FZFZ8d4kuaPp92CC1r2LpXFNqD6v6MVenQTqnMdzGxRBF6XLE+0xRF
FRhiJBPSy03OXIPBNvIQtQ6lbbjhVp+J3pZmOUdkLG5NrmJ7v2B0GbhWrJKsFjLt
rWhV/pi60zTe9Mlhww6G9kuEYO4Ne7UyWHmRVSyBQ7N0H3qqJZ4d16GLuc1CLgSk
ZoNNiTW2bKg2SnkheCLQQRzRQDGQob4Ez8pn7fXwgNNgyYMqIgXQBztSvwyeviv5
u+YfjyW6hY0XHgL+XVAEV8/+LbzvXMAaq7afJMbfc2hIkCwU9D9SGuTSyXTDYWnP
4vkYxboznxSjBF25cfe1lNj2M8FawTSLfJvdkzrnE6JwYZ+vj+vYxXX4M2bUdGc6
N3ec592kd3ZDZopD8p/7DEJ4Y9HiD2971KE9dJeFt0g5QdYg/NA6s/rob8SKunE3
vouXsXgxT7PntgMTzlSdriVZzH81Xwj3QEUxeCp6
-----END
CERTIFICATE-----

Found in path(s):

*

/ca-certificates-20250911-r0-tar-gz/usr/share/ca-certificates/mozilla/GlobalSign_Root_R46.crt

1.106 apache-commons-text 1.13.1

1.106.1 Available under license :

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1.107 netty-codec-marshalling 4.2.7.Final

1.107.1 Available under license :

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```
/opt/cola/permits/2703879037_1765184837.0051038/0/netty-codec-marshalling-4-2-7-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java/*
/opt/cola/permits/2703879037_1765184837.0051038/0/netty-codec-marshalling-4-2-7-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java/*
/opt/cola/permits/2703879037_1765184837.0051038/0/netty-codec-marshalling-4-2-7-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java/*
/opt/cola/permits/2703879037_1765184837.0051038/0/netty-codec-marshalling-4-2-7-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java/*
/opt/cola/permits/2703879037_1765184837.0051038/0/netty-codec-marshalling-4-2-7-final-sources-jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java/*
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Found in path(s):

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1.108 hdrhistogram 2.1.9

1.108.1 Available under license :

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*

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1.109 jackson-dataformat-yaml 2.17.1

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers.

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A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

1.110 netty-transport 4.2.7.Final

1.110.1 Available under license :

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<?xml version="1.0" encoding="UTF-8"?>

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/opt/cola/permits/2704012943_1765178007.3339145/0/netty-transport-4-2-7-final-sources-jar/module-info.yml#
-----
```

Found in path(s):

*

1.111 snake-yaml 2.2

1.111.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/**
 * Copyright (c) 2008, SnakeYAML
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 * Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except
 * in compliance with the License. You may obtain a copy of the License at
 *
 * http://www.apache.org/licenses/LICENSE-2.0
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 * Unless required by applicable law or agreed to in writing, software distributed under the License
 * is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
 * express
 * or implied. See the License for the specific language governing permissions and limitations under
 * the License.
 */
```

Found in path(s):

```
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/error/Mark.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/resolver/Resolver.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/CustomClassLoaderConstructor.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/error/MarkedYAMLErrorException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/ScannerImpl.java
*
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/representer/SafeRepresenter.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/Node.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/serializer/SerializerException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/inspector/TagInspector.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/error/YAMLErrorException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/Event.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/Yaml.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/DocumentEndEvent.java
```

- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/inspector/UnTrustedTagInspector.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/SequenceStartEvent.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/serializer/NumberAnchorGenerator.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/CollectionNode.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/BaseConstructor.java
- *
- /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/emitter/EmitterState.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowSequenceStartToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/comments/CommentEventsCollector.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/ArrayUtils.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/composer/ComposerException.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/comments/CommentType.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/SequenceNode.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/parser/VersionTagsTuple.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/ValueToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/NodeTuple.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/ArrayStack.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/reader/StreamReader.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/composer/Composer.java
- *
- /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/emitter/ScalarAnalysis.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/internal/Logger.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowMappingStartToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/NodeEvent.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/reader/ReaderException.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/DocumentEndToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/EnumUtils.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/parser/ParserImpl.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/emitter/Emitter.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/CollectionEndEvent.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/PropertySubstitute.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/Property.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/ScalarNode.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/TagTuple.java
- *
- /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/serializer/Serializer.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/SafeConstructor.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/StreamStartEvent.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/representer/BaseRepresenter.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/BlockEntryToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/CommentToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/StreamEndToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/SequenceEndEvent.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/ScannerException.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/emitter/Emitable.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/AliasEvent.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/DirectiveToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/DocumentStartEvent.java

- *
- /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/CollectionStartEvent.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/AliasToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/emitter/EmitterException.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/env/EnvScalarConstructor.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/GenericProperty.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/AnchorToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/PlatformFeatureDetector.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/NodeId.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/DocumentStartToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/BlockMappingStartToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/BeanAccess.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/StreamStartToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/parser/Production.java
- *
- /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/parser/ParserException.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/AnchorNode.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowSequenceEndToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/Constant.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/Scanner.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/ScalarToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/comments/CommentLine.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/CommentEvent.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/Construct.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/ImplicitTuple.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/ScalarEvent.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/error/MissingEnvironmentVariableException.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/representer/Represent.java
- *
- /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/Tag.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/StreamEndEvent.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/PackageCompactConstructor.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/AbstractConstruct.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/Constructor.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/PropertyUtils.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/DumperOptions.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/MissingProperty.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/MappingNode.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowEntryToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/TagToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/parser/Parser.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/MappingEndEvent.java
- *
- /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/ConstructorException.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactConstructor.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactData.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/reader/UnicodeReader.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/representer/Representer.java

```

* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/UriEncoder.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/KeyToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/MappingStartEvent.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/TypeDescription.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/LoaderOptions.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/MethodProperty.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/BlockEndToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/resolver/ResolverTuple.java
*
/sakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/BlockSequenceStartToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/serializer/AnchorGenerator.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/FieldProperty.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowMappingEndToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/Token.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/DuplicateKeyException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/SimpleKey.java
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```

```

/*
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express
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*/

```

Found in path(s):

```

* /snakeyaml-2-2-sources-
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/UnicodeEscaper.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/Escaper.java
* /snakeyaml-2-2-sources-
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/PercentEscaper.java
No license file was found, but licenses were detected in source scan.

```

```

<name>Apache License, Version 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>

```

Found in path(s):

```

* /snakeyaml-2-2-sources-jar/META-INF/maven/org.yaml/snakeyaml/pom.xml
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```



```
// This module is multi-licensed and may be used under the terms
// EPL, Eclipse Public License, V1.0 or later, http://www.eclipse.org/legal
// LGPL, GNU Lesser General Public License, V2.1 or later, http://www.gnu.org/licenses/lgpl.html
// GPL, GNU General Public License, V2 or later, http://www.gnu.org/licenses/gpl.html
// AL, Apache License, V2.0 or later, http://www.apache.org/licenses
// BSD, BSD License, http://www.opensource.org/licenses/bsd-license.php
/**
 * A Base64 encoder/decoder.
 *
 * <p>
 * This class is used to encode and decode data in Base64 format as described in RFC 1521.
 *
 * <p>
 * Project home page: <a href="http://www.source-code.biz/base64coder/java/">www.
 * source-code.biz/base64coder/java</a><br>
 * Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland<br>
 * Multi-licensed: EPL / LGPL / GPL / AL / BSD.
 */
```

Found in path(s):

* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/external/biz/base64Coder/Base64Coder.java

1.112 guice-multibindings 4.2.2

1.112.1 Available under license :

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1.113 netty-transport-classes-kqueue

4.2.7.Final

1.113.1 Available under license :

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```
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-  
jar/io/netty/channel/kqueue/AbstractKQueueChannel.java/*  
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-  
jar/io/netty/channel/kqueue/AbstractKQueueDatagramChannel.java/*  
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-  
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jar/io/netty/channel/kqueue/AcceptFilter.java/*  
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jar/io/netty/channel/kqueue/BsdSocket.java/*  
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/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-  
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/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-  
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/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-  
jar/io/netty/channel/kqueue/KQueueDomainSocketChannelConfig.java/*  
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-  
jar/io/netty/channel/kqueue/KQueueEventArray.java/*  
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jar/io/netty/channel/kqueue/KQueueEventLoopGroup.java/*  
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-  
jar/io/netty/channel/kqueue/KQueueIoEvent.java/*  
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-  
jar/io/netty/channel/kqueue/KQueueIoHandle.java/*  
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-  
jar/io/netty/channel/kqueue/KQueueIoHandler.java/*
```

```

/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-
jar/io/netty/channel/kqueue/KQueueIoOps.java/*
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-
jar/io/netty/channel/kqueue/KQueueRecvByteAllocatorHandle.java/*
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-
jar/io/netty/channel/kqueue/KQueueServerChannelConfig.java/*
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-
jar/io/netty/channel/kqueue/KQueueServerDomainSocketChannel.java/*
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-
jar/io/netty/channel/kqueue/KQueueServerSocketChannel.java/*
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-
jar/io/netty/channel/kqueue/KQueueServerSocketChannelConfig.java/*
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-
jar/io/netty/channel/kqueue/KQueueSocketChannel.java/*
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-
jar/io/netty/channel/kqueue/KQueueSocketChannelConfig.java/*
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-
jar/io/netty/channel/kqueue/KQueueStaticallyReferencedJniMethods.java/*
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-
jar/io/netty/channel/kqueue/Native.java/*
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-
jar/io/netty/channel/kqueue/NativeArrays.java/*
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-
jar/io/netty/channel/kqueue/NativeLongArray.java/*
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-
jar/io/netty/channel/kqueue/package-info.java/*
/opt/cola/permits/2704351048_1765178048.4087417/0/netty-transport-classes-kqueue-4-2-7-final-sources-
jar/module-info.yml#
-----

```

Found in path(s):

*

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```
<?xml version="1.0" encoding="UTF-8"?>
```

Found in path(s):

* /netty-transport-classes-kqueue-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-transport-classes-kqueue/pom.xml

1.114 netty-transport-classes-io_uring

4.2.7.Final

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/opt/cola/permits/2704362040_1765185073.836905/0/netty-transport-classes-io-uring-4-2-7-final-sources-jar/META-INF/native-image/io.netty/netty-transport-classes-io_uring/native-image.properties# Copyright 2023 The Netty Project

/opt/cola/permits/2704362040_1765185073.836905/0/netty-transport-classes-io-uring-4-2-7-final-sources-jar/io/netty/channel/uring/AbstractIoUringBufferRingAllocator.java/*

/opt/cola/permits/2704362040_1765185073.836905/0/netty-transport-classes-io-uring-4-2-7-final-sources-jar/io/netty/channel/uring/AbstractIoUringChannel.java/*

/opt/cola/permits/2704362040_1765185073.836905/0/netty-transport-classes-io-uring-4-2-7-final-sources-jar/io/netty/channel/uring/AbstractIoUringServerChannel.java/*

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1.115 netty-buffer 4.2.7.Final

1.115.1 Available under license :

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/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/UnpooledUnsafeNoCleanerDirectByteBuf.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/UnreleasableByteBuf.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/UnsafeByteBufUtil.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/UnsafeDirectSwappedByteBuf.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/UnsafeHeapSwappedByteBuf.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-

```

jar/io/netty/buffer/VarHandleByteBufferAccess.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/WrappedByteBuf.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/WrappedCompositeByteBuf.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/WrappedUnpooledUnsafeDirectByteBuf.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-jar/io/netty/buffer/package-
info.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/search/AbstractMultiSearchProcessorFactory.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/search/AbstractSearchProcessorFactory.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/search/AhoCorasicSearchProcessorFactory.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/search/BitapSearchProcessorFactory.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/search/KmpSearchProcessorFactory.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/search/MultiSearchProcessor.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/search/MultiSearchProcessorFactory.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/search/SearchProcessor.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/search/SearchProcessorFactory.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/search/package-info.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/svm/AdaptivePoolingAllocatorSubstitution.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-
jar/io/netty/buffer/svm/package-info.java/*
/opt/cola/permits/2704366254_1765177545.0367112/0/netty-buffer-4-2-7-final-sources-jar/module-info.yml#
-----

```

Found in path(s):

*

1.116 common 8.3.1

1.116.1 Available under license :

Lists of 45 third-party dependencies.

(GPLv3 with Classpath Exception) Annotations (com.cedarsoft:annotations:8.3.1 - <http://www.cedarsoft.org/parent/annotations>)

(Apache License Version 2.0) Unit (com.cedarsoft:unit:8.3.1 - <http://www.cedarsoft.org/parent/unit>)
 (GPLv3 with Classpath Exception) commons.Crypt (com.cedarsoft.commons:crypt:8.3.1 - <http://www.cedarsoft.org/commons/crypt>)
 (GPLv3 with Classpath Exception) commons.Test Utils (com.cedarsoft.commons:test-utils:8.3.1 - <http://www.cedarsoft.org/commons/test-utils>)
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 (Apache 2.0) error-prone annotations (com.google.errorprone:error_prone_annotations:2.0.21 - http://nexus.sonatype.org/oss-repository-hosting.html/error_prone_parent/error_prone_annotations)
 (The Apache Software License, Version 2.0) Guava: Google Core Libraries for Java (com.google.guava:guava:22.0 - <https://github.com/google/guava/guava>)
 (The Apache Software License, Version 2.0) J2ObjC Annotations (com.google.j2objc:j2objc-annotations:1.1 - <https://github.com/google/j2objc/>)
 (Apache License 2) IntelliJ IDEA Annotations (com.intellij:annotations:12.0 - <http://www.jetbrains.org>)
 (Free commercial license) (GPL with classpath exception) JIDE Common Layer (com.jidesoft:jide-oss:3.6.18 - <https://github.com/jidesoft/jide-oss>)
 (BSD) MiGLayout Core (com.miglayout:miglayout-core:5.0 - <http://www.miglayout.com/miglayout-core/>)
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 (Apache License, Version 2.0) Apache Commons Codec (commons-codec:commons-codec:1.10 - <http://commons.apache.org/proper/commons-codec/>)
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 (Eclipse Public License 1.0) JUnit (junit:junit:4.12 - <http://junit.org>)
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 (The Apache Software License, Version 2.0) Byte Buddy Java agent (net.bytebuddy:byte-buddy-agent:1.6.14 - <http://bytebuddy.net/byte-buddy-agent>)
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 (MIT license) Animal Sniffer Annotations (org.codehaus.mojo:animal-sniffer-annotations:1.14 - <http://mojo.codehaus.org/animal-sniffer/animal-sniffer-annotations>)
 (Apache 2) EasyMock (org.easymock:easymock:3.4 - <http://easymock.org/easymock>)
 (Apache 2) EasyMock Class extension (org.easymock:easymockclassextension:3.2 - <http://www.easymock.org/easymockclassextension>)
 (Apache License, Version 2.0) FEST Reflection (org.easytesting:fest-reflect:1.4.1 - <http://fest.easytesting.org/reflect>)

(Apache License, Version 2.0) FEST Util (org.easytesting:fest-util:1.2.4 - <http://fest.easytesting.org>)
 (New BSD License) Hamcrest Core (org.hamcrest:hamcrest-core:1.3 - <https://github.com/hamcrest/JavaHamcrest/hamcrest-core>)
 (The Apache Software License, Version 2.0) IntelliJ IDEA Annotations (org.jetbrains:annotations:13.0 - <http://www.jetbrains.org>)
 (The Apache License, Version 2.0) org.jetbrains.kotlin:kotlin-reflect (org.jetbrains.kotlin:kotlin-reflect:1.1.3 - <https://kotlinlang.org/>)
 (The Apache License, Version 2.0) org.jetbrains.kotlin:kotlin-stdlib (org.jetbrains.kotlin:kotlin-stdlib:1.1.3 - <https://kotlinlang.org/>)
 (The Apache License, Version 2.0) org.jetbrains.kotlin:kotlin-stdlib-jre7 (org.jetbrains.kotlin:kotlin-stdlib-jre7:1.1.3 - <https://kotlinlang.org/>)
 (The Apache License, Version 2.0) org.jetbrains.kotlin:kotlin-stdlib-jre8 (org.jetbrains.kotlin:kotlin-stdlib-jre8:1.1.3 - <https://kotlinlang.org/>)
 (The Apache License, Version 2.0) org.jetbrains.kotlin:kotlin-test-jvm (org.jetbrains.kotlin:kotlin-test:1.1.3 - <https://kotlinlang.org/>)
 (Eclipse Public License v1.0) org.junit.jupiter:junit-jupiter-api (org.junit.jupiter:junit-jupiter-api:5.0.0-M4 - <http://junit.org/junit5/>)
 (Eclipse Public License v1.0) org.junit.platform:junit-platform-commons (org.junit.platform:junit-platform-commons:1.0.0-M4 - <http://junit.org/junit5/>)
 (Eclipse Public License v1.0) org.junit.platform:junit-platform-engine (org.junit.platform:junit-platform-engine:1.0.0-M4 - <http://junit.org/junit5/>)
 (Eclipse Public License v1.0) org.junit.vintage:junit-vintage-engine (org.junit.vintage:junit-vintage-engine:4.12.0-M4 - <http://junit.org/junit5/>)
 (The MIT License) mockito-core (org.mockito:mockito-core:2.8.47 - <https://github.com/mockito/mockito>)
 (Apache 2) Objenesis (org.objenesis:objenesis:2.2 - <http://objenesis.org>)
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 (MIT License) SLF4J API Module (org.slf4j:slf4j-api:1.7.25 - <http://www.slf4j.org>)
 (BSD License) XMLUnit for Java (xmlunit:xmlunit:1.6 - <http://www.xmlunit.org/>)

1.117 tomcat-juli 11.0.5

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1.118 javassist 3.29.2-GA

1.118.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/*
 * Javassist, a Java-bytecode translator toolkit.
 * Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.
 *
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 */
```

Found in path(s):

```
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ByteStream.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/Callback.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtConstructor.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/InnerClassesAttribute.java
*
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/Lex.java
* /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPoolFactoryImpl.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtNewClass.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/NewExpr.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/CodeIterator.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtNewWrappedConstructor.java
* /javassist-3-29-2-ga-sources-jar/javassist/expr/FieldAccess.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Loader.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/IntQueue.java
```

- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Member.java
- * /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPool.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/LineNumberAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/BinExpr.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/bytecode/StackMap.java
- * /javassist-3-29-2-ga-sources-jar/javassist/runtime/Desc.java
- * /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/SoftValueHashMap.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/web/Viewer.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/BasicBlock.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/FactoryHelper.java
- * /javassist-3-29-2-ga-sources-jar/javassist/Modifier.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Type.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/NestMembersAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ByteArrayClassPath.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/MemberCodeGen.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/NestHostAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/KeywordTable.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/Expr.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Pair.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ClassClassPath.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/AccessFlag.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/Transformer.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/HotSwapAgent.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ProceedHandler.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtClassType.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/FieldInfo.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/ObjectNotFoundException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformNewClass.java
- * /javassist-3-29-2-ga-sources-jar/javassist/runtime/Inner.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ClassMap.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ClassPoolTail.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ClassPath.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ClassFilePrinter.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/compiler/TypeChecker.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ParameterAnnotationsAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformAfter.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ConstantAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ClassPool.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/DeprecatedAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/web/BadHttpRequest.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/ProxyFactory.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/CastExpr.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/ASTree.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Frame.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtNewMethod.java

- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/TypeData.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtPrimitiveType.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/MapMaker.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/InstanceOfExpr.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/SerializedProxy.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/ExprEditor.java
- * /javassist-3-29-2-ga-sources-jar/javassist/Translator.java
- * /javassist-3-29-2-ga-sources-jar/javassist/LoaderClassPath.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Analyzer.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformReadField.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/Handler.java
- * /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPoolFactory.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/NoSuchClassError.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/BadBytecode.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Stmnt.java
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- /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ByteArray.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Symbol.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformCall.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformFieldAccess.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/AppletServer.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/Parser.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/Proxy.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Keyword.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/NewArray.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/CallExpr.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CodeConverter.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/DoubleConst.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformAccessArrayField.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/ObjectImporter.java
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- /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/CannotReflectException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformWriteField.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/Opcodes.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/EnclosingMethodAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/MultiArrayType.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Compiler.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/ProxyObjectOutputStream.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Declarator.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CannotCompileException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/Tracer.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtBehavior.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/IntConst.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/MethodCall.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/framedump.java
- *

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/javassist-3-29-2-ga-sources-jar/javassist/util/proxy/DefinePackageHelper.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Subroutine.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/JvstCodeGen.java
* /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformBefore.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtMethod.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Visitor.java
* /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPoolRepositoryImpl.java
* /javassist-3-29-2-ga-sources-jar/javassist/Loader.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/CodeGen.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/FramePrinter.java
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* /javassist-3-29-2-ga-sources-jar/javassist/runtime/DotClass.java
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* /javassist-3-29-2-ga-sources-jar/javassist/SerialVersionUID.java
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* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/LongVector.java
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* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/StackMapTable.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/LocalVariableAttribute.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ClassFileWriter.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ExceptionTable.java
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/javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/CondExpr.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtNewConstructor.java
* /javassist-3-29-2-ga-sources-jar/javassist/expr/ConstructorCall.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Executor.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/SyntaxError.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/SymbolTable.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/ClassMetaobject.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/Sample.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/Dump.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtNewWrappedMethod.java
* /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/MethodHandler.java
* /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/ProxyObject.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/JvstTypeChecker.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/ControlFlow.java
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/javassist-3-29-2-ga-sources-jar/javassist/NotFoundException.java
* /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPoolRepository.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/SyntheticAttribute.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/AccessorMaker.java

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- * /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Sample.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Metaobject.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/MethodFilter.java
- * /javassist-3-29-2-ga-sources-jar/javassist/runtime/Cflow.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/CompileError.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtClass.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/CannotCreateException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/Bytecode.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/ASTList.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtArray.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/TypeTag.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/DefineClassHelper.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/MultiType.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/MethodInfo.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ClassFile.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/AnnotationDefaultAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/Instanceof.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/MethodDecl.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/AssignExpr.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/Mnemonic.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Util.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/NoFieldException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/Cast.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/DuplicateMemberException.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Metalevel.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/AnnotationImpl.java
- * /javassist-3-29-2-ga-sources-jar/javassist/URLClassPath.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/Descriptor.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/HotSwapper.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/RemoteException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/AnnotationsWriter.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/MemberResolver.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/LocalVariableTypeAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Expr.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/SourceFileAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformNew.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/ArrayInit.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/CannotInvokeException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/SecurityActions.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/ProxyObjectInputStream.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/InstructionPrinter.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/web/Webserver.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/StringL.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/TokenId.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Variable.java

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* /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/RuntimeSupport.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/AttributeInfo.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/SignatureAttribute.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Reflection.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/AnnotationsAttribute.java
*
/javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/SubroutineScanner.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtField.java
* /javassist-3-29-2-ga-sources-jar/javassist/expr/NewExpr.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/CodeAnalyzer.java
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```

Found in path(s):

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* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/FloatMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/MemberValueVisitor.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/MemberValue.java
*
/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/LongMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/CharMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/ByteMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/ClassMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/Annotation.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/ArrayMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/DoubleMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/ShortMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/IntegerMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/StringMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/EnumMemberValue.java
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/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/BooleanMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/AnnotationMemberValue.java

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1.120 netty-codec-compression 4.2.7.Final

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```
<?xml version="1.0" encoding="UTF-8"?>
```

Found in path(s):

* /netty-codec-compression-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-codec-compression/pom.xml

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```
/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/META-INF/native-image/io.netty/netty-codec-compression/native-image.properties# Copyright 2022 The Netty Project
/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Brotli.java/*
/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/BrotliDecoder.java/*
/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/BrotliEncoder.java/*
/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/BrotliMode.java/*
/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/BrotliOptions.java/*
/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/ByteBufChecksum.java/*
```

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Bzip2Constants.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Bzip2Decoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Bzip2Encoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Bzip2Rand.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/CompressionException.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/CompressionOptions.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Crc32.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Crc32c.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/DeflateOptions.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/EncoderUtil.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/FastLz.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/GzipOptions.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/JZlibEncoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/JdkZlibDecoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Lz4Constants.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Lz4XXHash32.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/LzfDecoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/LzfEncoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Snappy.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/SnappyOptions.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/StandardCompressionOptions.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/ZlibDecoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/ZlibEncoder.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/ZlibUtil.java/*

/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java/*
/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/Zstd.java/*
/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/ZstdConstants.java/*
/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/ZstdDecoder.java/*
/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/ZstdEncoder.java/*
/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/ZstdOptions.java/*
/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/io/netty/handler/codec/compression/package-info.java/*
/opt/cola/permits/2689515137_1761642886.099742/0/netty-codec-compression-4-2-7-final-sources-jar/module-info.yml#

Found in path(s):

*

1.121 swagger-core 1.6.2

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1.122 zt 1.16

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 */
```

Found in path(s):

```
*/zt-zip-1-16-sources-jar/org/zeroturnaround/zip/extra/ZipConstants.java
*/zt-zip-1-16-sources-jar/org/zeroturnaround/zip/extra/AsiExtraField.java
*/
*/zt-zip-1-16-sources-jar/org/zeroturnaround/zip/extra/ZipShort.java
*/zt-zip-1-16-sources-jar/org/zeroturnaround/zip/extra/ZipExtraField.java
*/zt-zip-1-16-sources-jar/org/zeroturnaround/zip/extra/ExtraFieldUtils.java
*/zt-zip-1-16-sources-jar/org/zeroturnaround/zip/extra/UnrecognizedExtraField.java
*/zt-zip-1-16-sources-jar/org/zeroturnaround/zip/extra/ZipLong.java
```

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*/

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* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/timestamps/TimestampStrategy.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/Zips.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/timestamps/Java8TimestampStrategy.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/timestamps/PreJava8TimestampStrategy.java

*

/zt-zip-1-16-sources-jar/org/zeroturnaround/zip/ZipEntryUtil.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/IdentityNameMapper.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/FileSource.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/NameMapper.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/ZipEntrySource.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/ByteSource.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/ZipInfoCallback.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/ZipUtil.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/ZTFileUtil.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/timestamps/TimestampStrategyFactory.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/ZipEntryCallback.java

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* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/commons/FilenameUtils.java

*

/zt-zip-1-16-sources-jar/org/zeroturnaround/zip/commons/FileUtilsV2_2.java

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1.123 liquibase-core 4.33.0

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1.125 failureaccess 1.0.2

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Found in path(s):

- * /failureaccess-1-0-2-sources-1-jar/com/google/common/util/concurrent/internal/InternalFutureFailureAccess.java
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1.126 bouncycastle-fips 2.1.2

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1.127 jetty 9.4.57.v20241219

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Eclipse

The following artifacts are EPL.

- * org.eclipse.jetty.orbit:org.eclipse.jdt.core

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- * org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

- * org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- * javax.servlet:javax.servlet-api

- * javax.annotation:javax.annotation-api

- * javax.transaction:javax.transaction-api

- * javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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copies.

1.128 jackson-jaxrs 2.17.2

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

1.129 okhttp 5.1.0

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1.130 libssl3 3.5.4-r0

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- * /java-diff-utils-4-12-sources-1-jar/com/github/diffli/unifieddiff/package-info.java
- * /java-diff-utils-4-12-sources-1-jar/com/github/diffli/unifieddiff/UnifiedDiffFile.java
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1.132 jackson-databind 2.17.2

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers.

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in some artifacts (usually source distributions); but is always available
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1.133 musl 1.2.5-r10

1.133.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/*
 * iconv.c
 * Implementation of SUSv4 XCU iconv utility
 * Copyright © 2011 Rich Felker
 * Licensed under the terms of the GNU General Public License, v2 or later
 */
```

Found in path(s):

* /aports-master-main-musl-zip/aports-master-main-musl/main/musl/iconv.c

No license file was found, but licenses were detected in source scan.

```
/*_
 * Copyright (c) 1996, 1998 The NetBSD Foundation, Inc.
 * All rights reserved.
 *
 * This code is derived from software contributed to The NetBSD Foundation
 * by J.T. Conklin.
 *
 * Mostly rewritten to be used in Alpine Linux (with musl c-library)
 * by Timo Teräs.
 *
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 * POSSIBILITY OF SUCH DAMAGE.
 */
```

Found in path(s):

* /aports-master-main-musl-zip/aports-master-main-musl/main/musl/getconf.c

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/*_

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*

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* by Luke Mewburn.

* Timo Teräs cleaned up the code for use in Alpine Linux with musl libc.

*

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*/

Found in path(s):

* /aports-master-main-musl-zip/aports-master-main-musl/main/musl/getent.c

1.134 gson 2.10.1

1.134.1 Available under license :

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Manifest-Version: 1.0

Created-By: 11.0.16.1 (Azul Systems, Inc.)

Build-Jdk-Spec: 11

Bnd-LastModified: 1673019830620

Bundle-ContactAddress: <https://github.com/google/gson>

Bundle-Description: Gson JSON library
Bundle-Developers: google;organization=Google;organizationUrl="https://www.google.com"
Bundle-DocURL: https://github.com/google/gson/gson
Bundle-License: "Apache-2.0";link="https://www.apache.org/licenses/LICENSE-2.0.txt"
Bundle-ManifestVersion: 2
Bundle-Name: Gson
Bundle-RequiredExecutionEnvironment: JavaSE-1.7, JavaSE-1.8
Bundle-SCM: url="https://github.com/google/gson/gson/",connection="scm:git:https://github.com/google/gson.git/gson",developer-connection="scm:git:git@github.com:google/gson.git/gson",tag="gson-parent-2.10.1"
Bundle-SymbolicName: com.google.gson
Bundle-Vendor: Google Gson Project
Bundle-Version: 2.10.1
Export-Package: com.google.gson;uses:="com.google.gson.reflect,com.google.gson.stream";version="2.10.1",com.google.gson.annotations;version="2.10.1",com.google.gson.reflect;version="2.10.1",com.google.gson.stream;version="2.10.1"
Import-Package: sun.misc;resolution:=optional,com.google.gson.annotations
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"
Tool: Bnd-6.4.0.202211291949
Multi-Release: true

Found in path(s):

* /gson-2-10-1-jar/META-INF/MANIFEST.MF

1.135 jackson-xc 2.17.2

1.135.1 Available under license :

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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1.136 netty-codec-base 4.2.7.Final

1.136.1 Available under license :

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```
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-jar/io/netty/handler/codec/AsciiHeadersEncoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-jar/io/netty/handler/codec/ByteToMessageCodec.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-jar/io/netty/handler/codec/ByteToMessageDecoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-jar/io/netty/handler/codec/CharSequenceValueConverter.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-jar/io/netty/handler/codec/CodecException.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-jar/io/netty/handler/codec/CodecOutputList.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-jar/io/netty/handler/codec/CorruptedFrameException.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-jar/io/netty/handler/codec/DatagramPacketDecoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-jar/io/netty/handler/codec/DatagramPacketEncoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-jar/io/netty/handler/codec/DateFormatter.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-jar/io/netty/handler/codec/DecoderException.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-jar/io/netty/handler/codec/DecoderResult.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-jar/io/netty/handler/codec/DecoderResultProvider.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-jar/io/netty/handler/codec/DefaultHeaders.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
```


jar/io/netty/handler/codec/DefaultHeadersImpl.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/Delimiters.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/EmptyHeaders.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/EncoderException.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/FixedLengthFrameDecoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/Headers.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/HeadersUtils.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/LengthFieldPrepender.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/LineBasedFrameDecoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/MessageAggregationException.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/MessageAggregator.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/MessageToByteEncoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/MessageToMessageCodec.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/MessageToMessageDecoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/MessageToMessageEncoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/PrematureChannelClosureException.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/ProtocolDetectionResult.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/ProtocolDetectionState.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/ReplayingDecoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/TooLongFrameException.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/UnsupportedMessageTypeException.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-

jar/io/netty/handler/codec/UnsupportedValueConverter.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/ValueConverter.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/base64/Base64.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/base64/Base64Decoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/base64/Base64Dialect.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/base64/Base64Encoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/base64/package-info.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/bytes/package-info.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/json/JsonObjectDecoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/json/package-info.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/package-info.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/serialization/CachingClassResolver.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/serialization/ClassResolver.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/serialization/ClassResolvers.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/serialization/ObjectDecoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/serialization/ObjectEncoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-

```
jar/io/netty/handler/codec/serialization/ReferenceMap.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/serialization/SoftReferenceMap.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/serialization/WeakReferenceMap.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/serialization/package-info.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/string/LineEncoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/string/LineSeparator.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
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/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/string/StringEncoder.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-
jar/io/netty/handler/codec/string/package-info.java/*
/opt/cola/permits/2689515103_1761642842.9610696/0/netty-codec-base-4-2-7-final-sources-jar/module-info.yml#
-----
```

Found in path(s):

*

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```
<?xml version="1.0" encoding="UTF-8"?>
```

Found in path(s):

* /netty-codec-base-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-codec-base/pom.xml

1.137 metrics-httpclient 4.0.5

1.137.1 Available under license :

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1.138 httpclient-cache 4.5.13

1.138.1 Available under license :

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1.139 guice-assistedinject 4.2.2

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1.140 kafka-protobuf-serializer 5.5.5

1.140.1 Available under license :

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```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
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</parent>
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  <artifactId>kafka-schema-registry</artifactId>

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  <artifactId>kafka_${kafka.scala.version}</artifactId>
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<dependency>
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  <artifactId>mockito-core</artifactId>

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  <scope>test</scope>
</dependency>

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</dependencies>

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    <plugin>
      <groupId>com.github.os72</groupId>
      <artifactId>protoc-jar-maven-plugin</artifactId>
    </plugin>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-jar-plugin</artifactId>
      <version>2.6</version>
      <executions>
        <execution>
          <goals>
            <goal>test-jar</goal>
          </goals>
          <phase>test-compile</phase>
        </execution>
      </executions>
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  </plugins>
</build>
</project>

```

Found in path(s):

* /kafka-protobuf-serializer-5-5-5-jar/META-INF/maven/io.confluent/kafka-protobuf-serializer/pom.xml

1.141 swagger-annotations 1.6.2

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1.142 commons-logging 1.3.4

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1.143 jaxb-core 4.0.5

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1.144 flightrecorder 8.3.1

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* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/segments.properties
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/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/synthetic/messages.properties
* /flightrecorder-8-3-1-sources-
jar/org/openjdk/jmc/flightrecorder/stacktrace/messages/internal/messages_ja.properties
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* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/synthetic/messages_ja.properties
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/messages/internal/messages.properties
* /flightrecorder-8-3-1-sources-
jar/org/openjdk/jmc/flightrecorder/stacktrace/messages/internal/messages_zh_CN.properties
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 *
 /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/IEventSink.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/IArrayElementParser.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/factories/IPoolFactory.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/Offset.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/model/ValueDescriptor.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/DataStructureParser.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/memleak/ReferenceTreeModel.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/NotEnoughMemoryException.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/factories/MethodFactory.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/filter/IOnLoadFilter.java
 *

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/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/StringReader.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/ChunkStructure.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/ConstantReader.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/ArrayReader.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/IChunkLoader.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/model/Transition.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/InvalidJfrFileException.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/UTFStringParser.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/IValueReader.java
*
/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/EventArray.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/TypedArrayParser.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/ProducerParser.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/EventTypeParser.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/ChunkMetadata.java
* /flightrecorder-8-3-1-sources-
jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/model/EventTypeDescriptor.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/model/DataStructure.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/synthetic/Messages.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/package-info.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/model/ProducerDescriptor.java
*
/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/messages/internal/Messages.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/ContentTypeParser.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/factories/TypeFactory.java
* /flightrecorder-8-3-1-sources-
jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/factories/JavaThreadFactory.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/util/SplitRecording.java
* /flightrecorder-8-3-1-sources-
jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/model/ContentTypeDescriptor.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/QuantityReader.java
* /flightrecorder-8-3-1-sources-
jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/factories/StackTraceFactory.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/factories/ThreadGroup.java
*
/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/model/DataType.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/util/CanonicalConstantMap.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/FrameSeparator.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/NumberReaders.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/util/DataInputToolkit.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/CouldNotLoadRecordingException.java
* /flightrecorder-8-3-1-sources-
jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/factories/OldObjectFactory.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v1/ChunkStructure.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/ConstantMap.java
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jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/factories/ThreadGroupFactory.java
*

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/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/filter/OnLoadFilters.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/factories/JfrThread.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v1/ChunkMetadata.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/jdk/JdkQueries.java
* /flightrecorder-8-3-1-sources-
jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/factories/OSThreadFactory.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/BooleanReader.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/util/JfrInternalConstants.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/StacktraceFormatToolkit.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/messages/internal/Messages.java
*
/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/ReaderFactory.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/JfrAttributes.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/RepositoryBuilder.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/IEventSinkFactory.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/ChunkInfo.java
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* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/CompositeReader.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/ItemBuilder.java
*
/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/filter/FilterExtension.java
* /flightrecorder-8-3-1-sources-
jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/factories/GlobalObjectPool.java
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* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/ChunkLoaderV0.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v1/ChunkLoaderV1.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/synthetic/SyntheticAttributeExtension.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v1/TypeManager.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/jdk/messages/internal/Messages.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/memleak/ReferenceTreeObject.java
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/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v1/ValueReaders.java
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* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/ParserExtensionRegistry.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/RecordingPrinter.java
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/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/jdk/JdkTypeIDs.java
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* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/IParserExtension.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/LoaderContext.java
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 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/graph/Node.java
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- * /paranamer-2-5-1-sources-1-jar/com/thoughtworks/paranamer/ParameterNamesNotFoundException.java
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1.146 activation-api 1.2.2

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* <https://github.com/eclipse-ee4j/jaf>

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JUnit (4.12)

* License: Eclipse Public License

1.147 kafka-avro-serializer 6.2.1

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```
<project xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="http://maven.apache.org/POM/4.0.0"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">

  <modelVersion>4.0.0</modelVersion>
```

```

<parent>
  <groupId>io.confluent</groupId>
  <artifactId>kafka-schema-registry-parent</artifactId>
  <version>6.2.1</version>
</parent>

<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>

<artifactId>kafka-avro-serializer</artifactId>
<packaging>jar</packaging>
<name>kafka-avro-serializer</name>

<dependencies>
  <dependency>
    <groupId>org.apache.kafka</groupId>
    <artifactId>kafka_${kafka.scala.version}</artifactId>
    <scope>provided</scope>
  </dependency>
  <dependency>
    <groupId>org.apache.avro</groupId>
    <artifactId>avro</artifactId>
  </dependency>
  <dependency>
    <groupId>org.apache.commons</groupId>
    <artifactId>commons-compress</artifactId>
  </dependency>
  <dependency>
    <groupId>io.confluent</groupId>
    <artifactId>kafka-schema-serializer</artifactId>
    <version>${io.confluent.schema-registry.version}</version>
  </dependency>
  <dependency>
    <groupId>io.confluent</groupId>
    <artifactId>kafka-schema-registry-client</artifactId>
    <version>${io.confluent.schema-registry.version}</version>
  </dependency>

  <dependency>
    <groupId>com.google.guava</groupId>
    <artifactId>guava</artifactId>
    <scope>test</scope>
  </dependency>

```

```

<dependency>
  <groupId>junit</groupId>
  <artifactId>junit</artifactId>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>org.slf4j</groupId>
  <artifactId>slf4j-log4j12</artifactId>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>io.confluent</groupId>
  <artifactId>confluent-log4j</artifactId>
  <scope>test</scope>
</dependency>
</dependencies>

<build>
  <plugins>
    <plugin>
      <groupId>org.apache.avro</groupId>
      <artifactId>avro-maven-plugin</artifactId>
      <executions>
        <execution>
          <phase>generate-sources</phase>
          <goals>
            <goal>schema</goal>
          </goals>
          <configuration>
            <testSourceDirectory>${project.basedir}/src/test/avro</testSourceDirectory>
          </configuration>
        </execution>
      </executions>
    </plugin>
  </plugins>
</build>
</project>

```

Found in path(s):

* /kafka-avro-serializer-6-2-1-jar/META-INF/maven/io.confluent/kafka-avro-serializer/pom.xml

1.148 zstd-jni 1.5.6-4

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Manifest-Version: 1.0

Specification-Title: zstd-jni

Specification-Version: 1.5.6-4

Specification-Vendor: com.github.luben

Implementation-Title: zstd-jni

Implementation-Version: 1.5.6-4

Implementation-Vendor: com.github.luben

Implementation-Vendor-Id: com.github.luben

Automatic-Module-Name: com.github.luben.zstd_jni

Bnd-LastModified: 1721499007163

Bundle-Name: zstd-jni

Bundle-SymbolicName: com.github.luben.zstd-jni

Bundle-Description: JNI bindings for Zstd native library that provides fast and high compression lossless algorithm for Java and all JVM languages.

Bundle-Vendor: com.github.luben

Bundle-License: <https://opensource.org/licenses/BSD-2-Clause>;description=BSD 2-Clause License

Bundle-Version: 1.5.6.4

Bundle-ManifestVersion: 2

Bundle-NativeCode: darwin/x86_64/libzstd-jni-1.5.6-4.dylib;osname=MacOS;osname=MacOSX;processor=x86_64,darwin/aarch64/libzstd-jni-1.5.6-4.dylib;osname=MacOS;osname=MacOSX;processor=aarch64,freebsd/amd64/libzstd-jni-1.5.6-4.so;osname=FreeBSD;processor=amd64,freebsd/i386/libzstd-jni-1.5.6-4.so;osname=FreeBSD;processor=i386,linux/aarch64/libzstd-jni-1.5.6-4.so;osname=Linux;processor=aarch64,linux/amd64/libzstd-jni-1.5.6-4.so;osname=Linux;processor=amd64,linux/arm/libzstd-jni-1.5.6-4.so;osname=Linux;processor=arm,linux/i386/libzstd-jni-1.5.6-4.so;osname=Linux;processor=i386,linux/mips64/libzstd-jni-1.5.6-4.so;osname=Linux;processor=mips64,linux/loongarch64/libzstd-jni-1.5.6-4.so;osname=Linux;processor=loongarch64,linux/ppc64/libzstd-jni-1.5.6-4.so;osname=Linux;processor=ppc64,linux/ppc64le/libzstd-jni-1.5.6-4.so;osname=Linux;processor=ppc64le,linux/riscv64/libzstd-jni-1.5.6-4.so;osname=Linux;processor=riscv64,linux/s390x/libzstd-jni-1.5.6-4.so;osname=Linux;processor=s390x,win/amd64/libzstd-jni-1.5.6-4.dll;osname=Win32;processor=amd64,win/aarch64/libzstd-jni-1.5.6-4.dll;osname=Win32;processor=aarch64,win/x86/libzstd-jni-1.5.6-4.dll;osname=Win32;processor=x86

Export-Package:


```
com.github.luben.zstd;version="1.5.6.4",com.github.luben
.zstd.util;version="1.5.6.4"
Import-Package: org.osgi.framework;resolution:=optional
Private-Package: darwin.aarch64,darwin.x86_64,freebsd.amd64,freebsd.i386
,linux.aarch64,linux.amd64,linux.arm,linux.i386,linux.loongarch64,linux
.mips64,linux.ppc64,linux.ppc64le,linux.riscv64,linux.s390x,win.aarch64
,win.amd64,win.x86
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version>=1.8))"
```

Found in path(s):

* /zstd-jni-1-5-6-4-5-jar/META-INF/MANIFEST.MF

1.149 metrics-json 4.0.5

1.149.1 Available under license :

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1.150 picocli 4.7.7

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* /picocli-4-7-7-sources-jar/picocli/AutoComplete.java

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*/

/**

- * Called when either the command, option or positional parameter that has this preprocessor configured was
- * recognized by the picocli parser.
- * <p>Implementors are free to modify one or more of the specified command line arguments before they are
- * processed by the picocli parser (or by the option's

{@link IParameterConsumer parameter consumer}, if one is specified).

- * </p><p>

- * Implementors may optionally consume one or more of the specified command line arguments:
- * a return value of {@code true} signals that the preprocessor consumed the parameter:
- * picocli should skip further processing of this option or positional parameter,
- * and the preprocessor implementation takes responsibility for assigning the
- * option or positional parameter a value. A return value of {@code false} means that picocli should
- * process the stack as usual for this option or positional parameter, and picocli is responsible for
- * assigning this option or positional parameter a value.

- * </p><p>

- * For a command, returning {@code true} signals that the preprocessor takes responsibility for parsing all
- * options and positional parameters for this command, and takes responsibility for validating constraints

like

- * whether all required options and positional parameters were specified.
- * A return value of {@code false} means that picocli should
- * process the stack as usual for this command, and picocli is responsible for validation.
- * Command preprocessors can signal back to the picocli parser when they detect that the user requested version
- * information or usage help by putting a value of {@code true} in the specified
- * {@code info} map for keys {@code versionHelpRequested} or {@code usageHelpRequested}, respectively.
- * </p><p>

- * If the user input is invalid, implementations should throw a {@link ParameterException}
- * with a message to display to the user.

- * </p>

- * @param args the remaining command line arguments that follow the matched argument
- * (the matched argument is not on the stack anymore)

- * @param commandSpec the command or subcommand that was matched

(if the specified {@code argSpec} is

- * {@code null}), or the command that the matched option or positional parameter belongs to

- * @param argSpec the option or positional parameter for which to pre-process command line arguments
- * (may be {@code null} when this method is called for a subcommand that was matched)

- * @param info a map containing additional information on the current parser state,

- * including whether the option parameter was attached to the option name with

```

*      a `` separator, whether quotes have already been stripped off the option, etc.
*      Implementations may modify this map to communicate back to the picocli parser.
*      Supported values:
*      <table>
*      <caption>Supported values in the info Map</caption>
*      <tr>
*      <th>key</th><th>valid values</th><th>type</th>
*      </tr>
*      <tr>
*      <td>separator</td><td>" (empty string): attached without separator, ' ' (space): not attached, (any
other string): option name was attached to option param with specified separator</td>
*      <td>java.lang.String</td>
*      </tr>
*      <tr>
*      <td>negated</td>
*      <td>{@code true}: the option or positional parameter is a {@linkplain Option#negatable()
negated} option/parameter, {@code false}: the option or positional parameter is not a negated
option/parameter</td>
*      <td>java.lang.Boolean</td>
*      </tr>
*      <tr>
*      <td>unquoted</td>
*      <td>{@code true}: quotes surrounding the value have already been stripped off, {@code false}:
quotes surrounding the value have
not yet been stripped off</td>
*      <td>java.lang.Boolean</td>
*      </tr>
*      <tr>
*      <td>versionHelpRequested</td>
*      <td>{@code true}: version help was requested, {@code false}: version help was not
requested</td>
*      <td>java.lang.Boolean</td>
*      </tr>
*      <tr>
*      <td>usageHelpRequested</td>
*      <td>{@code true}: usage help was requested, {@code false}: usage help was not requested</td>
*      <td>java.lang.Boolean</td>
*      </tr>
*      </table>
*      @return true if the preprocessor consumed the parameter
*      and picocli should skip further processing of the stack for this option or positional parameter;
*      false if picocli should continue processing the stack for this
option or positional parameter
*      @throws ParameterException if the user input is invalid
*/

```

Found in path(s):

* /picocli-4-7-7-sources-jar/picocli/CommandLine.java

1.151 commons-csv 1.5

1.151.1 Available under license :

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1.152 apk-tools 2.14.9-r3

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1.153 common-utils 4.1.0

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1.154 metrics-jvm 4.0.5

1.154.1 Available under license :

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1.155 netty-codec-protobuf 4.2.7.Final

1.155.1 Available under license :

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```
/opt/cola/permits/2707218731_1765184959.6126914/0/netty-codec-protobuf-4-2-7-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java/*
/opt/cola/permits/2707218731_1765184959.6126914/0/netty-codec-protobuf-4-2-7-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java/*
/opt/cola/permits/2707218731_1765184959.6126914/0/netty-codec-protobuf-4-2-7-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java/*
/opt/cola/permits/2707218731_1765184959.6126914/0/netty-codec-protobuf-4-2-7-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java/*
/opt/cola/permits/2707218731_1765184959.6126914/0/netty-codec-protobuf-4-2-7-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java/*
/opt/cola/permits/2707218731_1765184959.6126914/0/netty-codec-protobuf-4-2-7-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java/*
/opt/cola/permits/2707218731_1765184959.6126914/0/netty-codec-protobuf-4-2-7-final-sources-
jar/io/netty/handler/codec/protobuf/package-info.java/*
/opt/cola/permits/2707218731_1765184959.6126914/0/netty-codec-protobuf-4-2-7-final-sources-jar/module-
info.yml#
```

Found in path(s):

*

No license file was found, but licenses were detected in source scan.

```
<?xml version="1.0" encoding="UTF-8"?>
```

Found in path(s):

* /netty-codec-protobuf-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-codec-protobuf/pom.xml

1.156 musl-obstack 1.2.3-r2

1.156.1 Available under license :

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1.157 animal-sniffer-annotation 1.23

1.157.1 Available under license :

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Found in path(s):

* /animal-sniffer-annotations-1-23-1-jar/META-INF/maven/org.codehaus.mojo/animal-sniffer-annotations/pom.xml

1.158 hystrix-core 1.5.18

1.158.1 Available under license :

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1.159 kafka-streams-avro-serde 6.2.1

1.159.1 Available under license :

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Found in path(s):

* /kafka-streams-avro-serde-6-2-1-jar/META-INF/maven/io.confluent/kafka-streams-avro-serde/pom.xml

1.160 netty-codec-socks 4.2.7.Final

1.160.1 Available under license :

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```
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jar/io/netty/handler/codec/socks/SocksAddressType.java/*  
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-  
jar/io/netty/handler/codec/socks/SocksAuthRequest.java/*  
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-  
jar/io/netty/handler/codec/socks/SocksAuthRequestDecoder.java/*  
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jar/io/netty/handler/codec/socks/SocksAuthResponse.java/*  
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jar/io/netty/handler/codec/socks/SocksAuthResponseDecoder.java/*  
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-  
jar/io/netty/handler/codec/socks/SocksAuthScheme.java/*  
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-  
jar/io/netty/handler/codec/socks/SocksAuthStatus.java/*  
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-  
jar/io/netty/handler/codec/socks/SocksCmdRequest.java/*  
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-  
jar/io/netty/handler/codec/socks/SocksCmdRequestDecoder.java/*  
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/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-  
jar/io/netty/handler/codec/socks/SocksCmdType.java/*  
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-  
jar/io/netty/handler/codec/socks/SocksCommonUtils.java/*  
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jar/io/netty/handler/codec/socks/SocksInitRequest.java/*  
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-  
jar/io/netty/handler/codec/socks/SocksInitRequestDecoder.java/*  
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jar/io/netty/handler/codec/socks/SocksInitResponse.java/*  
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jar/io/netty/handler/codec/socks/SocksInitResponseDecoder.java/*  
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-  
jar/io/netty/handler/codec/socks/SocksMessage.java/*  
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-  
jar/io/netty/handler/codec/socks/SocksMessageEncoder.java/*  
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-  
jar/io/netty/handler/codec/socks/SocksMessageType.java/*  
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jar/io/netty/handler/codec/socks/SocksProtocolVersion.java/*  
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-
```

jar/io/netty/handler/codec/socks/SocksRequest.java/*
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/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-
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jar/io/netty/handler/codec/socks/SocksSubnegotiationVersion.java/*
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-
jar/io/netty/handler/codec/socks/UnknownSocksRequest.java/*
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-
jar/io/netty/handler/codec/socks/UnknownSocksResponse.java/*
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-
jar/io/netty/handler/codec/socks/package-info.java/*
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jar/io/netty/handler/codec/socksx/AbstractSocksMessage.java/*
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-
jar/io/netty/handler/codec/socksx/SocksMessage.java/*
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jar/io/netty/handler/codec/socksx/SocksPortUnificationServerHandler.java/*
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/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-
jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandRequest.java/*
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-
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/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-
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/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-
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/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-
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jar/io/netty/handler/codec/socksx/v5/AbstractSocks5Message.java/*
/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-
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/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-
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jar/io/netty/handler/codec/socksx/v5/Socks5InitialResponse.java/*
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/opt/cola/permits/2707667656_1765177791.4322605/0/netty-codec-socks-4-2-7-final-sources-jar/module-info.yml#
-----

```

Found in path(s):

*

No license file was found, but licenses were detected in source scan.

```
<?xml version="1.0" encoding="UTF-8"?>
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Found in path(s):

* /netty-codec-socks-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-codec-socks/pom.xml

1.161 slf4j 2.0.17

1.161.1 Available under license :

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1.162 aop-alliance 1.0

1.162.1 Available under license :

Public Domain

1.163 netty-handler 4.2.7.Final

1.163.1 Available under license :

No license file was found, but licenses were detected in source scan.

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<?xml version="1.0" encoding="UTF-8"?>
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* /netty-handler-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-handler/pom.xml

No license file was found, but licenses were detected in source scan.

```
/opt/cola/permits/2707774234_1765177837.0311859/0/netty-handler-4-2-7-final-sources-jar/META-INF/native-image/io.netty/netty-handler/native-image.properties# Copyright 2019 The Netty Project
/opt/cola/permits/2707774234_1765177837.0311859/0/netty-handler-4-2-7-final-sources-jar/io/netty/handler/address/DynamicAddressConnectHandler.java/*
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Found in path(s):

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1.164 servlet-api 4.0.1

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1.165 httpasyncclient 4.1.4

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1.166 openssl 3.5.4-r0

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import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

/**
 * The annotation may be used in {@link Info#license()} to define a license for the OpenAPI spec.
 *
 * @see <a target="_new" href="https://github.com/OAI/OpenAPI-Specification/blob/3.0.1/versions/3.0.1.md#licenseObject">License
 * (OpenAPI specification)</a>
 * @see io.swagger.v3.oas.annotations.OpenAPIDefinition
 * @see Info
 */
@Target({})
@Retention(RetentionPolicy.RUNTIME)
public @interface License {
    /**
     * The license name used for the API.
     *
     * @return the name of the license
     */
    String name() default "";

    /**
     * A URL to the license used for the API. MUST be in the format of a URL.
     *
     * @return the URL of the license
     */
    String url() default "";

    /**
     * The list of optional extensions
     *
     * @return an optional array of extensions

```

```
*/  
Extension[] extensions() default {};  
  
}
```

1.174 jersey-entity-filtering 2.28

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1.175 bash 5.2.37-r0

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1.176 netty-codec-smtp 4.2.7.Final

1.176.1 Available under license :

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```
/opt/cola/permits/2708451577_1765177777.9144063/0/netty-codec-smtp-4-2-7-final-sources-
jar/io/netty/handler/codec/smtp/DefaultLastSmtpContent.java/*
/opt/cola/permits/2708451577_1765177777.9144063/0/netty-codec-smtp-4-2-7-final-sources-
jar/io/netty/handler/codec/smtp/DefaultSmtpContent.java/*
/opt/cola/permits/2708451577_1765177777.9144063/0/netty-codec-smtp-4-2-7-final-sources-
jar/io/netty/handler/codec/smtp/DefaultSmtpRequest.java/*
/opt/cola/permits/2708451577_1765177777.9144063/0/netty-codec-smtp-4-2-7-final-sources-
jar/io/netty/handler/codec/smtp/DefaultSmtpResponse.java/*
/opt/cola/permits/2708451577_1765177777.9144063/0/netty-codec-smtp-4-2-7-final-sources-
jar/io/netty/handler/codec/smtp/LastSmtpContent.java/*
/opt/cola/permits/2708451577_1765177777.9144063/0/netty-codec-smtp-4-2-7-final-sources-
jar/io/netty/handler/codec/smtp/SmtpCommand.java/*
/opt/cola/permits/2708451577_1765177777.9144063/0/netty-codec-smtp-4-2-7-final-sources-
jar/io/netty/handler/codec/smtp/SmtpContent.java/*
/opt/cola/permits/2708451577_1765177777.9144063/0/netty-codec-smtp-4-2-7-final-sources-
jar/io/netty/handler/codec/smtp/SmtpRequest.java/*
/opt/cola/permits/2708451577_1765177777.9144063/0/netty-codec-smtp-4-2-7-final-sources-
jar/io/netty/handler/codec/smtp/SmtpRequestEncoder.java/*
/opt/cola/permits/2708451577_1765177777.9144063/0/netty-codec-smtp-4-2-7-final-sources-
jar/io/netty/handler/codec/smtp/SmtpRequests.java/*
/opt/cola/permits/2708451577_1765177777.9144063/0/netty-codec-smtp-4-2-7-final-sources-
jar/io/netty/handler/codec/smtp/SmtpResponse.java/*
/opt/cola/permits/2708451577_1765177777.9144063/0/netty-codec-smtp-4-2-7-final-sources-
jar/io/netty/handler/codec/smtp/SmtpResponseDecoder.java/*
/opt/cola/permits/2708451577_1765177777.9144063/0/netty-codec-smtp-4-2-7-final-sources-
jar/io/netty/handler/codec/smtp/SmtpUtils.java/*
/opt/cola/permits/2708451577_1765177777.9144063/0/netty-codec-smtp-4-2-7-final-sources-
jar/io/netty/handler/codec/smtp/package-info.java/*
/opt/cola/permits/2708451577_1765177777.9144063/0/netty-codec-smtp-4-2-7-final-sources-jar/module-info.yml#
```

Found in path(s):

*

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```
<?xml version="1.0" encoding="UTF-8"?>
```

Found in path(s):

* /netty-codec-smtp-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-codec-smtp/pom.xml

1.177 libucontext 1.3.2-r0

1.177.1 Available under license :

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1.178 high-scale-lib 1.1.4

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1.179 netty-transport-native-epoll 4.2.7.Final

1.179.1 Available under license :

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```
<?xml version="1.0" encoding="UTF-8"?>
```

Found in path(s):

```
* /netty-transport-native-epoll-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-transport-native-epoll/pom.xml
```

No license file was found, but licenses were detected in source scan.

Found in path(s):

```
* #endif /* NETTY_EPOLL_VM_SOCKET_H_ */
```

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```
/opt/cola/permits/2708702406_1765178053.4297845/0/netty-transport-native-epoll-4-2-7-final-sources-jar/netty_epoll_linuxsocket.c/*
```

```
/opt/cola/permits/2708702406_1765178053.4297845/0/netty-transport-native-epoll-4-2-7-final-sources-jar/netty_epoll_linuxsocket.h/*
```

```
/opt/cola/permits/2708702406_1765178053.4297845/0/netty-transport-native-epoll-4-2-7-final-sources-jar/netty_epoll_native.c/*
```

```
/opt/cola/permits/2708702406_1765178053.4297845/0/netty-transport-native-epoll-4-2-7-final-sources-jar/netty_epoll_vmsocket.h/*
```

Found in path(s):

```
*
```

1.180 swagger-models 2.0.8

1.180.1 Available under license :

```
/**
```

```
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```

```
* <p>
```

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*/

```

```
package io.swagger.v3.oas.models.info;
```

```
import java.util.Objects;
```

```

/**
 * License
 *
 * @see "https://github.com/OAI/OpenAPI-Specification/blob/3.0.1/versions/3.0.1.md#licenseObject"
 */

```

```

public class License {
    private String name = null;
    private String url = null;
    private java.util.Map<String, Object> extensions = null;

```

```

    /**
     * returns the name property from a License
    instance.
     *
     * @return String name
     */

```

```

    public String getName() {
        return name;
    }

```

```

    public void setName(String name) {
        this.name = name;
    }

```

```

    public License name(String name) {
        this.name = name;
        return this;
    }

```

```

    /**
     * returns the url property from a License instance.

```

```

*
* @return String url
**/

public String getUrl() {
    return url;
}

public void setUrl(String url) {
    this.url = url;
}

public License url(String url) {
    this.url = url;
    return this;
}

@Override
public boolean equals(java.lang.Object o) {
    if (this == o) {
        return true;
    }
    if (o == null || getClass() != o.getClass()) {
        return false;
    }
    License license = (License) o;
    return Objects.equals(this.name, license.name) &&
        Objects.equals(this.url, license.url) &&
        Objects.equals(this.extensions,
license.extensions);
}

@Override
public int hashCode() {
    return Objects.hash(name, url, extensions);
}

public java.util.Map<String, Object> getExtensions() {
    return extensions;
}

public void addExtension(String name, Object value) {
    if (name == null || name.isEmpty() || !name.startsWith("x-")) {
        return;
    }
    if (this.extensions == null) {
        this.extensions = new java.util.LinkedHashMap<>();
    }
}

```

```

        this.extensions.put(name, value);
    }

    public void setExtensions(java.util.Map<String, Object> extensions) {
        this.extensions = extensions;
    }

    public License extensions(java.util.Map<String, Object> extensions) {
        this.extensions = extensions;
        return this;
    }

    @Override
    public String toString() {
        StringBuilder sb = new StringBuilder();
        sb.append("class License {\n");

        sb.append("    name: ").append(toIndentedString(name)).append("\n");
        sb.append("    url: ").append(toIndentedString(url)).append("\n");
        sb.append("}");
        return sb.toString();
    }

    /**
     * Convert the given object to string with each line indented by 4 spaces
     * (except the first line).
     */
    private String toIndentedString(java.lang.Object o) {
        if (o == null) {
            return "null";
        }
        return o.toString().replace("\n", "\n    ");
    }
}

```

1.181 metrics-servlets 4.0.5

1.181.1 Available under license :

Apache-2.0

1.182 jetty-servlets 9.4.57.v20241219

1.182.1 Available under license :

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Eclipse

The following artifacts are EPL.

* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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1.183 liquibase-commercial 4.33.0

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1.184 netty-transport-native-io_uring

4.2.7.Final

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1.185 guice 5.1.0

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1.186 snake-yaml 2.0

1.186.1 Available under license :

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 */
```

Found in path(s):

```
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/Escaper.java
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/PercentEscaper.java
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/UnicodeEscaper.java
```

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/**
 * A Base64 encoder/decoder.
 *
 * <p>
 * This class is used to encode and decode data in Base64 format as described in RFC 1521.
 *
 * <p>
 * Project home page: <a href="http://www.source-code.biz/base64coder/java/">www.
 * source-code.biz/base64coder/java</a><br>
 * Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland<br>
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 */
```

Found in path(s):

* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/external/biz/base64Coder/Base64Coder.java

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```
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```

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*/

Found in path(s):

- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/representer/SafeRepresenter.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/parser/Parser.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/env/EnvScalarConstructor.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/ScalarNode.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/ValueToken.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/StreamEndEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/AbstractConstruct.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/CollectionEndEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/ScalarAnalysis.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/AliasEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/ScalarEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/EmitterState.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/DirectiveToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/StreamStartEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/CommentEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/AliasToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/Construct.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/ImplicitTuple.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/CustomClassLoaderConstructor.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/Property.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/parser/Production.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/resolver/ResolverTuple.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/Scanner.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/composer/ComposerException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/MappingNode.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/Emitable.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowMappingEndToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/DumperOptions.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowSequenceEndToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/AnchorNode.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/representer/Represent.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/Node.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowMappingStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/reader/ReaderException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/SafeConstructor.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/Constant.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/NodeId.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/serializer/AnchorGenerator.java

- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/DocumentEndToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/parser/ParserImpl.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/ScalarToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/MethodProperty.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/CollectionStartEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/UriEncoder.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/reader/UnicodeReader.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/BlockMappingStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/CollectionNode.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/StreamStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/DocumentStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/BlockSequenceStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/ConstructorException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/SequenceStartEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/representer/BaseRepresenter.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/SequenceEndEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/PlatformFeatureDetector.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/parser/VersionTagsTuple.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/Yaml.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/inspector/UnTrustedTagInspector.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/parser/ParserException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/error/MarkedYAMLErrorException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/representer/Representer.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/NodeTuple.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/inspector/TrustedTagInspector.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/serializer/Serializer.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/EmitterException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/FieldProperty.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/BeanAccess.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/comments/CommentLine.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/LoaderOptions.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/CommentToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/PackageCompactConstructor.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/inspector/TrustedPrefixesTagInspector.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/BlockEndToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/serializer/SerializerException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/error/Mark.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/ArrayUtils.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/error/YAMLErrorException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/DocumentEndEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/Emitter.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/MappingEndEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/ArrayStack.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/EnumUtils.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/TypeDescription.java

- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/ScannerException.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowSequenceStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/SequenceNode.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/resolver/Resolver.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/inspector/TagInspector.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/Constructor.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/SimpleKey.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/DocumentStartEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowEntryToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/comments/CommentEventsCollector.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/TagToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/Token.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/serializer/NumberAnchorGenerator.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/AnchorToken.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/error/MissingEnvironmentVariableException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/BaseConstructor.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/StreamEndToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/composer/Composer.java
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```
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```

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```
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```

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1.188 ca-certificates-bundle 20250911-r0

1.188.1 Available under license :

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1.190 snake-yaml 2.4

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Found in path(s):

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/serializer/AnchorGenerator.java

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/TagTuple.java

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactConstructor.java

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/parser/ParserException.java

*

/snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/constructor/ConstructorException.java

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/resolver/ResolverTuple.java

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/parser/Parser.java

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/ValueToken.java

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/Token.java

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/emitter/EmitterState.java

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/scanner/Constant.java

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/util/PlatformFeatureDetector.java

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/util/ArrayStack.java

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/Event.java

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/FlowEntryToken.java

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/AliasToken.java

* /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/NodeEvent.java

- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/FlowMappingStartToken.java
- *
- /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/constructor/Construct.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/MappingStartEvent.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/nodes/CollectionNode.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/reader/ReaderException.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/DocumentEndEvent.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/comments/CommentLine.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/composer/Composer.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/scanner/Scanner.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/BlockSequenceStartToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/error/Mark.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/nodes/SequenceNode.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/resolver/Resolver.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/KeyToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/serializer/Serializer.java
- *
- /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/introspector/PropertySubstitute.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/CollectionStartEvent.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/util/UriEncoder.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/PackageCompactConstructor.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/reader/StreamReader.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/error/MarkedYAMLEException.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/parser/VersionTagsTuple.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/ScalarEvent.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/inspector/TagInspector.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/internal/Logger.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/BlockMappingStartToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/scanner/ScannerException.java
- *
- /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/CommentToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/util/MergeUtils.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/constructor/DuplicateKeyException.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/comments/CommentType.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/DumperOptions.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/AliasEvent.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/FlowMappingEndToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/ScalarToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/introspector/Property.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/DocumentEndToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/nodes/NodeId.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/TagToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/MappingEndEvent.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/serializer/NumberAnchorGenerator.java
- *
- /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/inspector/UnTrustedTagInspector.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/scanner/SimpleKey.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/StreamEndEvent.java

- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/DirectiveToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/nodes/Tag.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/representer/BaseRepresenter.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/BlockEntryToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/AnchorToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/FlowSequenceEndToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/parser/ParserImpl.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/TypeDescription.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/introspector/FieldProperty.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/constructor/SafeConstructor.java
- *
- /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/introspector/MethodProperty.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/error/YAMLErrorException.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/constructor/BaseConstructor.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/emitter/Emitter.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/nodes/AnchorNode.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/composer/ComposerException.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/DocumentStartToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/util/EnumUtils.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/constructor/Constructor.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/env/EnvScalarConstructor.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/introspector/BeanAccess.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/introspector/GenericProperty.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/serializer/SerializerException.java
- *
- /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/nodes/MappingNode.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/CollectionEndEvent.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactData.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/SequenceStartEvent.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/representer/JsonRepresenter.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/nodes/ScalarNode.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/emitter/Emitable.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/StreamEndToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/emitter/EmitterException.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/LoaderOptions.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/constructor/AbstractConstruct.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/scanner/ScannerImpl.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/BlockEndToken.java
- *
- /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/ImplicitTuple.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/nodes/Node.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/CommentEvent.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/emitter/ScalarAnalysis.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/FlowSequenceStartToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/comments/CommentEventsCollector.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/error/MissingEnvironmentVariableException.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/representer/Represent.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/reader/UnicodeReader.java

- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/introspector/PropertyUtils.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/nodes/NodeTuple.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/tokens/StreamStartToken.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/util/ArrayUtils.java
- *
- /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/SequenceEndEvent.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/parser/Production.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/representer/SafeRepresenter.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/StreamStartEvent.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/representer/Representer.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/Yaml.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/events/DocumentStartEvent.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/introspector/MissingProperty.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/util/Tuple.java
- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/constructor/CustomClassLoaderConstructor.java

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- * /snakeyaml-2-4-sources-jar/META-INF/maven/org.yaml/snakeyaml/pom.xml

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- * /snakeyaml-2-4-sources-

- jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/PercentEscaper.java

- * /snakeyaml-2-4-sources-

- jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/UnicodeEscaper.java

- * /snakeyaml-2-4-sources-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/Escaper.java

1.191 kafka-streams 3.9.1

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1.193 zookeeper-jute 3.9.4

1.193.1 Available under license :

No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/jute/BinaryInputArchive.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/BinaryOutputArchive.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/Index.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/InputArchive.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/OutputArchive.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/Record.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/RecordReader.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/RecordWriter.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/ToStringOutputArchive.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/Utils.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/CGenerator.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/CSharpGenerator.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/CppGenerator.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/JBoolean.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/JBuffer.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/JByte.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/JCompType.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/JDouble.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/JField.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/JFile.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/JFloat.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/JInt.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/JLong.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/JMap.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

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jar/org/apache/jute/compiler/JRecord.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/JString.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/JType.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/JVector.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/JavaGenerator.java/*
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/generated/ParseException.java/*
Generated By:JavaCC: Do not edit this line. ParseException.java Version 5.0 */
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/generated/Rcc.java/* Generated By:JavaCC: Do not edit this line.
Rcc.java */
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/generated/RccConstants.java/* Generated By:JavaCC: Do not edit this line.
RccConstants.java */
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/generated/RccTokenManager.java/* Generated By:JavaCC: Do not edit this line.
RccTokenManager.java */
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/generated/SimpleCharStream.java/* Generated By:JavaCC: Do not edit this line.
SimpleCharStream.java Version 5.0 */
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/generated/Token.java/* Generated By:JavaCC: Do not edit this line. Token.java
Version 5.0 */
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/generated/TokenMgrError.java/* Generated By:JavaCC:
Do not edit this line. TokenMgrError.java Version 5.0 */
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/generated/package.html<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN">
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/generated/rcc.jjoptions {
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/compiler/package.html<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN">
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/jute/package.html<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/data/ACL.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/data/ClientInfo.java//
File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/data/Id.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

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jar/org/apache/zookeeper/data/Stat.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/data/StatPersisted.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/AddWatchRequest.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/AuthPacket.java// File generated by hadoop record compiler.

Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/CheckVersionRequest.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/CheckWatchesRequest.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/ConnectRequest.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/ConnectResponse.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/Create2Response.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/CreateRequest.java//

File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/CreateResponse.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/CreateTTLRequest.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/DeleteRequest.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/ErrorResponse.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/ExistsRequest.java//

File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/ExistsResponse.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/GetACLRequest.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/GetACLResponse.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/GetAllChildrenNumberRequest.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/GetAllChildrenNumberResponse.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/GetChildren2Request.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/GetChildren2Response.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/GetChildrenRequest.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/GetChildrenResponse.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/GetDataRequest.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/GetDataResponse.java//
File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/GetEphemeralsRequest.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/GetEphemeralsResponse.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/GetMaxChildrenRequest.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/GetMaxChildrenResponse.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/GetSASLRequest.java//
File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/MultiHeader.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/ReconfigRequest.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/RemoveWatchesRequest.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/ReplyHeader.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/RequestHeader.java//
File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/SetACLRequest.java// File generated by hadoop record compiler. Do not edit.

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/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/SetDataRequest.java// File generated by hadoop record compiler. Do not edit.

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/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/proto/SetMaxChildrenRequest.java// File generated by hadoop record compiler. Do not edit.

/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-

jar/org/apache/zookeeper/proto/SetSASLRequest.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/proto/SetSASLResponse.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/proto/SetWatches.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/proto/SetWatches2.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/proto/SyncRequest.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/proto/SyncResponse.java//
File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/proto/WatcherEvent.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/proto/WhoAmIResponse.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/server/persistence/FileHeader.java// File generated by hadoop record compiler. Do not
edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/LearnerInfo.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/QuorumAuthPacket.java//
File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/QuorumPacket.java// File generated by hadoop record compiler. Do not
edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/txn/CheckVersionTxn.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/txn/CloseSessionTxn.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/txn/CreateContainerTxn.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/txn/CreateSessionTxn.java// File generated by hadoop
record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/txn/CreateTTLTxn.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/txn/CreateTxn.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/txn/CreateTxnV0.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/txn/DeleteTxn.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/txn/ErrorTxn.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-
jar/org/apache/zookeeper/txn/MultiTxn.java//

File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/txn/SetACLTxn.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/txn/SetDataTxn.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/txn/SetMaxChildrenTxn.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/txn/Txn.java// File generated by hadoop record compiler. Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/txn/TxnDigest.java// File generated by hadoop record compiler.
Do not edit.
/opt/cola/permits/2616834141_1760443257.6300683/0/zookeeper-jute-3-9-4-sources-jar/org/apache/zookeeper/txn/TxnHeader.java// File generated by hadoop record compiler. Do not edit.

Found in path(s):

*

No license file was found, but licenses were detected in source scan.

<?xml version="1.0" encoding="UTF-8"?>

Found in path(s):

* /zookeeper-jute-3-9-4-sources-jar/META-INF/maven/org.apache.zookeeper/zookeeper-jute/pom.xml

1.194 netty-handler-proxy 4.2.7.Final

1.194.1 Available under license :

No license file was found, but licenses were detected in source scan.

<?xml version="1.0" encoding="UTF-8"?>

Found in path(s):

* /netty-handler-proxy-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-handler-proxy/pom.xml

No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2709530826_1765177845.5588324/0/netty-handler-proxy-4-2-7-final-sources-jar/io/netty/handler/proxy/HttpProxyHandler.java/*

/opt/cola/permits/2709530826_1765177845.5588324/0/netty-handler-proxy-4-2-7-final-sources-jar/io/netty/handler/proxy/ProxyConnectException.java/*

/opt/cola/permits/2709530826_1765177845.5588324/0/netty-handler-proxy-4-2-7-final-sources-jar/io/netty/handler/proxy/ProxyConnectionEvent.java/*

/opt/cola/permits/2709530826_1765177845.5588324/0/netty-handler-proxy-4-2-7-final-sources-jar/io/netty/handler/proxy/ProxyHandler.java/*

/opt/cola/permits/2709530826_1765177845.5588324/0/netty-handler-proxy-4-2-7-final-sources-jar/io/netty/handler/proxy/Socks4ProxyHandler.java/*

/opt/cola/permits/2709530826_1765177845.5588324/0/netty-handler-proxy-4-2-7-final-sources-

jar/io/netty/handler/proxy/Socks5ProxyHandler.java/*
/opt/cola/permits/2709530826_1765177845.5588324/0/netty-handler-proxy-4-2-7-final-sources-
jar/io/netty/handler/proxy/package-info.java/*
/opt/cola/permits/2709530826_1765177845.5588324/0/netty-handler-proxy-4-2-7-final-sources-jar/module-
info.yml#

Found in path(s):

*

1.195 guava 33.4.0-jre

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1.196 readline 8.2

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limitations under the License.

The Scala 3 compiler is also known as Dotty. The Dotty compiler
frontend has been developed since November 2012 by Martin Odersky. It
is expected and hoped for that the list of contributors to the
codebase will grow quickly. Dotty draws inspiration and code from the
original Scala 2 compiler "nsc", which is still developed at [scala/scala](#) [1].

The majority of the Dotty codebase is new code, with the exception of the
components mentioned below. We have for each component tried
to come up with a
list of the original authors in the [scala/scala](#) [1] codebase. Apologies if some
major authors were omitted by oversight.

* `dotty.tools.dotc.ast`: The syntax tree handling is mostly new, but some
elements, such as the idea of tree copiers and the `TreeInfo`` module,
were adopted from [scala/scala](#) [1]. The original authors of these parts
include Martin Odersky, Paul Phillips, Adriaan Moors, and Matthias Zenger.

* `dotty.tools.dotc.classpath`: The classpath handling is taken mostly as is
from [scala/scala](#) [1]. The original authors were Grzegorz Kossakowski,
Micha Pocięcha, Lukas Rytz, Jason Zaugg and others.

* `dotty.tools.dotc.config`: The configuration components were adapted and
extended from [scala/scala](#) [1]. The original sources were authored by Paul
Phillips with contributions from Martin Odersky, Miguel Garcia and others.

* `dotty.tools.dotc.core`: The core data structures and operations are mostly
new. Some parts (e.g. those dealing
with names) were adapted from
[scala/scala](#) [1]. These were originally authored by Martin Odersky, Adriaan
Moors, Jason Zaugg, Paul Phillips, Eugene Burmako and others.

* `dotty.tools.dotc.core.pickling`: The classfile readers were adapted from the
current Scala compiler. Original authors were Martin Odersky, Iulian

Dragos, Matthias Zenger and others.

- * `doty.tools.dotc.parsing`: The lexical and syntactic analysis components were adapted from the current Scala compiler. They were originally authored by Martin Odersky, Burak Emir, Paul Phillips, Lex Spoon, Sean McDirmid and others.
- * `doty.tools.dotc.profile`: The per-phase profiling support is taken mostly as is from `scala/scala`. The original author was Mike Skells.
- * `doty.tools.dotc.reporting`: Adapted from `scala/scala` [1] with some heavy modifications. They were originally authored by Matthias Zenger, Martin Odersky, and others.
- * `doty.tools.dotc typer`: This is new code except for some minor components (e.g. the `ConstantFolder`). It uses however many solution details that have been developed over time by many people, including Jason Zaugg, Adriaan Moors, Lukas Rytz, Paul Phillips, Grzegorz Kossakowski, and others.
- * `doty.tools.dotc.util`: The utilities package is a mix of new and adapted components. The files in `scala/scala` [1] were originally authored by many people, including Paul Phillips, Martin Odersky, Sean McDirmid, and others.
- * `doty.tools.io`: The I/O support library was adapted from current Scala compiler. Original authors were Paul Phillips and others.
- * `doty.test.DottyBytecodeTest`: Is an adaptation of the bytecode testing from `scala/scala` [1]. It has been reworked to fit the needs of `doty`. Original authors include: Adrian Moors, Lukas Rytz, Grzegorz Kossakowski, Paul Phillips.
- * `doty.tools.dotc.sbt` and everything in `sbt-bridge`: The sbt compiler phases are based on [2] which attempts to integrate the sbt phases into scalac and is itself based on the compiler bridge in sbt 0.13 [3], but has been heavily adapted and refactored. Original authors were Mark Harrah, Grzegorz Kossakowski, Martin Duhemm, Adriaan Moors and others.
- * `doty.tools.dotc.plugins`: Adapted from `scala/scala` [1] with some modifications. They were originally authored by Lex Spoon, Som Snytt, Adriaan Moors, Paul Phillips and others.
- * `doty.tools.scaladoc`: The Scaladoc documentation utility ships some third-party JavaScript and CSS libraries which are located under `scaladoc/resources/doty_res/styles/`, `scaladoc/resources/doty_res/scripts/`, `docs/css/` and `docs/js/`. Please refer to the license header of the concerned files for details.

* `doty.tools.dotc.coverage`: Coverage instrumentation utilities have been adapted from the `scoverage` plugin for `scala 2` [4], which is under the Apache 2.0 license.

* `doty.tools.pc`: Presentation compiler implementation adapted from `scalameta/metals` [5] `mtags` module, which is under the Apache 2.0 license.

* The Dotty codebase contains parts which are derived from the `ScalaPB` `protobuf` library [6], which is under the Apache 2.0 license.

[1] <https://github.com/scala/scala>

[2] <https://github.com/adriaanm/scala/tree/sbt-api-consolidate/src/compiler/scala/tools/sbt>

[3] <https://github.com/sbt/sbt/tree/0.13/compile/interface/src/main/scala/xsbt>

[4] <https://github.com/scoverage/scalac-scoverage-plugin>

[5] <https://github.com/scalameta/metals>

[6] <https://github.com/scala/scala3/pull/5783/files>

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{% if site.thisScalaVersion != site.latestScalaVersion %}
```

```
<div class="version-notice">This is the specification of {{ site.versionCompareMessage }} version of Scala. See  
the <a href="{{ site.baseurl }}/../{{ site.latestScalaVersion }}">Scala {{ site.latestScalaVersion }} spec</a>.</div>
```

```
{% endif %}
```

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not-a-legal-formal-parameter-tuple.scala:2: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,
or consider a pattern matching anonymous function: `{ case (a, b) => ... }`
val x: ((Int, Int) => Int) = (((a, b)) => a)

^

not-a-legal-formal-parameter-tuple.scala:3: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,
or consider a pattern matching anonymous function: `{ case (param1, param2) => ... }`
val y: ((Int, Int, Int) => Int) = (((a, !)) => a)

^

not-a-legal-formal-parameter-tuple.scala:4: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the
Tuple3,
or consider a pattern matching anonymous function: `{ case (param1, ..., param3) => ... }`
val z: ((Int, Int, Int) => Int) = (((a, NotAPatternVariableName, c)) => a)

^

three errors found

1.199 commons-collections 4.5.0

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1.200 failureaccess 1.0.1

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* /failureaccess-1-0-1-sources-15-jar/com/google/common/util/concurrent/internal/InternalFutureFailureAccess.java

1.201 jersey-common 2.41

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1.202 netty-tcnative-classes 2.0.70.Final

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* /netty-tcnative-classes-2-0-70-final-sources-jar/io/netty/internal/tcnative/SessionTicketKey.java
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- * /netty-tcnative-classes-2-0-70-final-sources-jar/io/netty/internal/tcnative/SSL.java
- * /netty-tcnative-classes-2-0-70-final-sources-jar/io/netty/internal/tcnative/Library.java
- * /netty-tcnative-classes-2-0-70-final-sources-jar/io/netty/internal/tcnative/Buffer.java

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*/
/**
 * Set the maximum number of bytes for the certificate chain during handshake.
 * See
 * <a
href="https://www.openssl.org/docs/man1.1.1/man3/SSL_CTX_set_max_cert_list.html">SSL_CTX_set_max_cert_
list</a>
 * for more details.
 * @param ctx context to use
 * @param size the maximum number of bytes
 */

```

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jar/io/netty/internal/tcnative/AsyncSSLPrivateKeyMethodAdapter.java
*/netty-tcnative-classes-2-0-70-final-sources-jar/io/netty/internal/tcnative/AsyncSSLPrivateKeyMethod.java
*/netty-tcnative-classes-2-0-70-final-sources-jar/io/netty/internal/tcnative/AsyncTask.java
*
/netty-tcnative-classes-2-0-70-final-sources-jar/io/netty/internal/tcnative/ResultCallback.java
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*/netty-tcnative-classes-2-0-70-final-sources-
jar/io/netty/internal/tcnative/NativeStaticallyReferencedJniMethods.java
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* /netty-tcnative-classes-2-0-70-final-sources-jar/io/netty/internal/tcnative/CertificateCallbackTask.java
* /netty-tcnative-classes-2-0-70-final-sources-jar/io/netty/internal/tcnative/SSLPrivateKeyMethod.java
* /netty-tcnative-classes-2-0-70-final-sources-jar/io/netty/internal/tcnative/CertificateVerifierTask.java
*
/netty-tcnative-classes-2-0-70-final-sources-jar/io/netty/internal/tcnative/SSLPrivateKeyMethodDecryptTask.java
* /netty-tcnative-classes-2-0-70-final-sources-jar/io/netty/internal/tcnative/SSLTask.java
* /netty-tcnative-classes-2-0-70-final-sources-jar/io/netty/internal/tcnative/SSLPrivateKeyMethodSignTask.java
* /netty-tcnative-classes-2-0-70-final-sources-jar/io/netty/internal/tcnative/SSLPrivateKeyMethodTask.java
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1.203 metrics-jmx 4.0.5

1.203.1 Available under license :

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1.204 truelicense-obfuscate 2.6.6

1.204.1 Available under license :

```
#
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#

net.java.truelicense.obfuscate.processor.ObfuscateProcessor
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```

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*/

```
#macro(obfuscate $string)$java.obfuscatedString($string).replace("net.java.truelicense.obfuscate.", "").replaceAll("
/\*.*\*/", ".toString()")#end
#set($hash = '#')
package net.java.truelicense.obfuscate;
```

```
import javax.annotation.concurrent.ThreadSafe;
import java.nio.ByteBuffer;
import java.nio.charset.Charset;
import java.util.Arrays;
import java.util.Random;
import java.util.concurrent.Callable;
```

/**

* Represents an obfuscated string.

*

* <h3>Motivation</h3>

* <p>

* Software developers may wish to apply some licensing scheme to protect their
* Intellectual Property (IP).

* When implementing the licensing scheme, it is vital to obfuscate the Java
* byte code.

* Otherwise, a reverse engineer can simply replace the licensing code with a
* stub in order to break the licensing scheme.

* <p>

* Likewise, all constant string expressions which are used to interact
* with

* the licensing code need to get obfuscated, too.

* Otherwise, the reverse engineer can simply search for known strings in the
* Java byte code in order to identify the obfuscated licensing code or replace
* its key strings with self-created key strings.

*

* <h3>Usage</h3>

* <p>

* This class specifically addresses the need to obfuscate constant string
* expressions in Java byte code.

* Note that general Java byte code obfuscation is out of scope - there are
* other tools required to do this!

* <p>

* To obfuscate a constant string expression you need to pass it to the static

* method {@link \${hash}obfuscate} at design time and replace it with the generated

* Java source code expression.

* At runtime, a duplicate of the original constant string expression will get

* computed by the Java source code expression.

* If you need to preserve the identity relation of constant string expressions,

* then you need to add a call to {@link String\${hash}intern}() to the duplicated

- * string.
- * <p>
- * A tool for Java byte code transformation (e.g. the TrueLicense Maven Plugin)
- * may automate some or all of these steps.
- * However, it needs to call {@link \${hash}array} instead of {@link \${hash}obfuscate} at
- * build time.
- *
- * <h3>Security Considerations</h3>
- * <p>
- * Note that obfuscation is *not* equal to encryption:
- * In contrast to the application of the simple and cheap obfuscation scheme in
- * this class, strong encryption would be comparably slow and expensive in
- * terms of resources - no matter what encryption algorithm would actually get
- * used.
- * Moreover, encrypting constant string expressions in Java byte code does not
- * effectively increase the security level when compared to simple obfuscation.
- * This is because an encryption key still needs to be made available to the
- * Java byte code and so could get eavesdropped by tracing JVM calls with the
- * standard JDK tool chain.
- * Thus, the simple obfuscation scheme implemented by
- this class is preferred
- * over complex encryption.
- * Conversely, if someone is proposing to encrypt constant string expressions
- * then please check if (s)he is trying to sell
- * snake oil.
- *
- * @see Obfuscate
- * @author Christian Schlichtherle
- */
- // All constant string expressions in this class which are longer than two
- // characters need to get obfuscated as either an ObfuscatedString or, where
- // this would result in a stack overflow, as an array of Unicode characters.
- // This should help to prevent location of this class in obfuscated Java byte
- // code.
- @ThreadSafe
- public final class ObfuscatedString {
- /** The UTF-8 character set. */
- private static final Charset charset = Charset.forName(
- new String(new char[] { '\u0055', '\u0054', '\u0046', '\u0038' })); // => "UTF8"
- /**
- * Returns a string containing an obfuscated Java source code expression
- * which computes a duplicate of the given string
- again.
- * This is equivalent to calling
- * <code>{@link \${hash}java}(long[]){@link \${hash}array}(String)}(s)</code>.
- * <p>


```

* As an example, calling this method with {@code "Hello world!"} as
* its parameter may produce the result
* {@code "new net.java.truelicense.obfuscate.runtime.ObfuscatedString(new long[] {
* 0x39e61a665e397740l, 0xb681642064a96eael, 0xb8eb509886cc10f9l }).toString()"}.
* If this Java source code is compiled and executed, it will
* reproduce the original string {@code "Hello world!"} again.
*
* @param s the string to obfuscate.
*      This may not contain null characters.
* @throws IllegalArgumentException If {@code s} contains a null character.
* @return Some obfuscated Java source code to produce the given string
*      again.
*/
public static String obfuscate(final String s) { return java(array(s)); }

/**
* Returns a string containing an obfuscated Java source
code expression
* which computes a duplicate from the given array representation of the
* original string.
*
* @param obfuscated the obfuscated array representation of the original
*      string.
* @return a string containing an obfuscated Java source code expression
*      which computes a duplicate from the given array representation
*      of the original string.
*/
public static String java(final long[] obfuscated) {
    // Create and initialize a string builder to hold the generated Java
    // source code.
    final StringBuilder code = new StringBuilder("#obfuscate("new
net.java.truelicense.obfuscate.ObfuscatedString(new long[] { ");

    // Append the seed as the first array element of the obfuscated string.
    // All values are represented in hexadecimal in order to keep the
    // Java source code as short as possible.
    appendHexLiteral(code, obfuscated[0]);
    for (int i = 1; i
< obfuscated.length; i++)
        appendHexLiteral(code.append(", "), obfuscated[i]);

    return code
        .append("#obfuscate(" ").toString() /* => ")
        .append(literal(new ObfuscatedString(obfuscated).toString()).replace("*/", "*/\\V")) // escape */ in comment
        .append("#obfuscate(" " */")
        .toString();
}

```

```

/**
 * Encodes the given string to a valid string literal in Java source code.
 *
 * @param s the string to quote and escape.
 * @return The transformed string.
 */
public static String literal(String s) {
    return "" +
        s .replace("\\", #obfuscate("\\"))
        .replace("'", #obfuscate("'")) +
        "" ;

}

/**
 * Returns an obfuscated array representation of the given string.
 * Obfuscation is performed by encoding the given string into UTF8 and then
 * XOR-ing a sequence of pseudo random numbers to it.
 * The result
is decoded into an array of long integers as the obfuscated
 * array representation of the given string.
 * The sequence of pseudo random numbers is seeded with a random
 * number in order to provide a non-deterministic result for the obfuscated
 * array representation.
 * Hence, two subsequent calls with an equal string will produce equal
 * results by a chance of only  $1/(2^{48} - 1)$  - zero is not used as
 * a seed.
 *
 * @param s the string to obfuscate.
 * This may not contain null characters.
 * @throws IllegalArgumentException If {s} contains a null character.
 * @return an obfuscated array representation for the given string.
 */
public static long[] array(final String s) {
    if (-1 != s.indexOf(0)) {
        throw new IllegalArgumentException(#obfuscate("Null characters are not allowed!"));
    }

    // Encode the string to a byte array using UTF-8.
    final byte[] encoded =
s.getBytes(charset);

    // Create the array to hold the result.
    final int el = encoded.length;
    final long[] obfuscated = new long[1 + (el + 7) / 8];

    // Obtain a random long as the key, seed a new PRNG with it and save it.
    final long key = key();

```

```

final Random prng = new Random(key);
obfuscated[0] = key;

// Obfuscate the encoded string.
// This will produce some null high order bytes in the last array
// element iff the string was not encoded to a multiple of eight bytes.
for (int i = 0, j = 0; i < el; i += 8)
    obfuscated[++j] = decode(encoded, i) ^ prng.nextLong();

return obfuscated;
}

private static long key() {
    final Random prng = new Random();
    for (long key; ; ) if (0 != (key = prng.nextLong())) return key;
}

private static void appendHexLiteral(final StringBuilder sb, final long l) {
    // Obfuscation of the following character literals
    is futile because
    // they are too short to get found with a string search anyway.
    sb    .append("\u0030').append("\u0078'")
        .append(Long.toHexString(l)).append("\u006C'); // => "0x" + ... + "l"
}

/**
 * Decodes a long value from eight bytes in little endian order,
 * beginning at index {@code off}.
 * This is the inverse of {@code {@link {@code encode(long, byte[], int)}}.
 * If less than eight bytes are remaining in the array,
 * only these low order bytes are processed and the complementary high
 * order bytes of the returned value are set to zero.
 *
 * @param bytes the array containing the bytes to decode in little endian
 *            order.
 * @param off the offset of the bytes in the array.
 * @return The decoded long value.
 */
private static long decode(final byte[] bytes, final int off) {
    final int end = Math.min(bytes.length, off + 8);
    long value = 0;
    for (int i = end;
--i >= off; ) {
        value <<= 8;
        value |= bytes[i] & 0xFF;
    }
    return value;
}

```

```

/**
 * Encodes a long value to eight bytes in little endian order,
 * beginning at index {@code off}.
 * This is the inverse of {@link ${hash}decode}(byte[], int)}.
 * If less than eight bytes are remaining in the array,
 * only these low order bytes of the long value are processed and the
 * complementary high order bytes are ignored.
 *
 * @param value the long value to encode.
 * @param bytes the array which holds the encoded bytes upon return.
 * @param off the offset of the bytes in the array.
 */
private static void encode(long value, final byte[] bytes, final int off) {
    final int end = Math.min(bytes.length, off + 8);
    for (int i = off; i < end; i++) {
        bytes[i] = (byte) value;
        value >>= 8;
    }
}

private final long[] obfuscated;

/**
 * Constructs an
obfuscated string from the given array.
 *
 * @param obfuscated the array representation of the obfuscated string.
 * @throws ArrayIndexOutOfBoundsException If the provided array does not
 * contain at least one element.
 * @see #toString
 */
public ObfuscatedString(final long[] obfuscated) {
    this.obfuscated = obfuscated.clone();
    this.obfuscated[0] = obfuscated[0]; // fail fast check
}

/**
 * Reproduces a copy of the original string from the obfuscated array
 * representation provided to the constructor.
 *
 * @return A copy of the original string in a new char array.
 */
public char[] toCharArray() {
    return new Codec<char[]>() {
        @Override
        char[] decode(byte[] encoded, int length) throws Exception {
            return charset

```

```

        .newDecoder()
        .decode(ByteBuffer.wrap(encoded, 0, length))
        .array();
    }
}.call();
}

/**
 * Reproduces a copy of the original string from the obfuscated array
 * representation provided to the constructor.
 *
 * @return A copy of the original string.
 */
@Override
public String toString() {
    return new Codec<String>() {
        @Override
        String decode(byte[] encoded, int length) throws Exception {
            return new String(encoded, 0, length, charset);
        }
    }.call();
}

/**
 * Equivalent to
 * <code>{@link ${hash}toString>() toString().{@link String${hash}intern>() intern()}</code>.
 *
 * @return A canonical representation of the original string.
 */
public String toStringIntern() { return toString().intern(); }

private abstract class Codec<V> implements Callable<V> {
    @Override public V call() {
        // Create the array to hold the encoded string.
        final long[] obfuscated = ObfuscatedString.this.obfuscated;
        final int ol = obfuscated.length;
        final byte[] encoded = new byte[8 * (ol - 1)];

        // Load the key and seed a new PRNG with it.
        final long key = obfuscated[0];
        final Random prng = new Random(key);

        // Encode the obfuscated string.
        // This will leave some null bytes at the end of the array iff the
        // original string was not encoded to a multiple of eight bytes.
        for (int i = 1; i < ol; i++)
            encode(obfuscated[i] ^ prng.nextLong(), encoded, 8 * (i - 1));
    }
}

```

```

        // Cut-off any null bytes and decode the string from the byte array
        // using UTF-8.
        int el = encoded.length;
        for (int j = el; 0 < j && 0 == encoded[--j]; el = j) {
        }

        try { return decode(encoded, el); }
        catch (final RuntimeException ex) { throw ex; }
        catch (final Exception ex) { throw new IllegalStateException(ex);
    }

    finally { Arrays.fill(encoded, 0, el, (byte) 0); }
}

abstract V decode(byte[] encoded, int length) throws Exception;
}
}

```

1.205 httpcomponents-client 4.5.14

1.205.1 Available under license :

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* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/MethodDescriptor.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/package-info.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/UnexpectedTypeException.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/BeanDescriptor.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Digits.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/ProviderSpecificBootstrap.java

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/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/UnwrapByDefault.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NegativeOrZero.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintViolation.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintDefinitionException.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ValidateUnwrappedValue.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraintvalidation/SupportedValidationTarget.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/groups/package-info.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/ValidationProvider.java

- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ElementKind.java
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- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/MethodType.java
- * /jakarta-validation-api-2-0-2-sources-3-
- jar/javax/validation/valueextraction/ValueExtractorDeclarationException.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ConstructorDescriptor.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraintvalidation/package-info.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/AssertTrue.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Path.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/package-info.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/package-info.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/PositiveOrZero.java
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- jar/javax/validation/valueextraction/ValueExtractorDefinitionException.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/BootstrapConfiguration.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ElementDescriptor.java
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- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/Scope.java
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- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ReportAsSingleViolation.java
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- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Valid.java
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- /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Configuration.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ValidateOnExecution.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Size.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/PastOrPresent.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintViolationException.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/package-info.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/TraversableResolver.java

- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ExecutableValidator.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidationProviderResolver.java
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- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/OverridesAttribute.java
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- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Email.java
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- /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintDeclarationException.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/PropertyDescriptor.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintValidator.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ExecutableType.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/AssertFalse.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Future.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/DecimalMax.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Positive.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NotEmpty.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/ConfigurationState.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Payload.java
- *
- /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/DecimalMin.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Past.java

1.209 libncursesw 6.5_p20250503-r0

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1.210 jetty-webapp 9.4.57.v20241219

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Eclipse

The following artifacts are EPL.

* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

- * javax.annotation:javax.annotation-api
- * javax.transaction:javax.transaction-api
- * javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.
Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.211 ncurses 6.5_p20250503-r0

1.211.1 Available under license :

```
# Contributor: Patrycja Rosa <alpine@ptrcnull.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"
license="BSD-2-Clause AND BSD-3-Clause"
source=""
cdefs.h
queue.h
```

```

tree.h
"

builddir="$srcdir"
options="!check" # just headers

package() {
    mkdir -p "$pkgdir"
    install -Dm644 -t "$pkgdir"/usr/include/sys \
        cdefs.h queue.h tree.h
}
sha512sums="
37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312
7006442c3f019b6447a620c0cae73178 cdefs.h
2f0d5e6e4dc3350285cf17009265dddcbe12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
11ea33987d4faba37dde5ce6da0750 queue.h
d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da
cef2092881eded0a2e94f6a07752ef3 tree.h
"

# Automatically generated by apkbuidl-cpan, template 4
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Celeste <cielesti@protonmail.com>
maintainer="Celeste <cielesti@protonmail.com>"
pkgname=perl-bsd-resource
pkgver=1.2911
pkgrel=10
#_pkgreal is used by apkbuidl-cpan to find modules at MetaCpan
_pkgreal=BSD-Resource
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource/"
arch="all"
license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
builddir="$srcdir/${_pkgreal}-${pkgver}"

build() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL \
        INSTALLDIRS=vendor \
        NO_PACKLIST=1 \
        NO_PERLLOCAL=1
    make
}

check() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')

```

```

make test
}

package() {
make DESTDIR="$pkgdir" install
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
    BSD-Resource-1.2911.tar.gz
"

# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py3-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.4
pkgrel=3
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
makedepends="py3-gpep517 py3-wheel"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

replaces="py-flake8-copyright" # Backwards compatibility
provides="py-flake8-copyright=${pkgver}-r${pkgrel}" # Backwards compatibility

build() {
gpep517 build-wheel \
--wheel-dir .dist \
--output-fd 3 3>&1 >&2
}

package() {
gpep517 install-wheel --destdir "$pkgdir" \
.dist/*.whl
}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
    flake8-copyright-0.2.4.tar.gz
"

```

```

#ifndef _SYS_CDEFS_H_
#define _SYS_CDEFS_H_

#warning usage of non-standard #include <sys/cdefs.h> is deprecated

#undef __P
#undef __PMT

#define __P(args) args
#define __PMT(args) args

#define __CONCAT(x,y) x ## y
#define __STRING(x) #x

#ifdef __cplusplus
# define __BEGIN_DECLS extern "C" {
# define __END_DECLS }
#else
# define __BEGIN_DECLS
# define __END_DECLS
#endif

#if defined(__GNUC__) && !defined(__cplusplus)
# define __THROW __attribute__((__nothrow__))
# define __NTH(fct) __attribute__((__nothrow__)) fct
#else
# define __THROW
# define __NTH(fct) fct
#endif

#endif /* _SYS_CDEFS_H_ */
# Maintainer: fossdd <fossdd@pwned.life>
pkgname=cargo-license
pkgver=0.6.1
pkgrel=1
pkgdesc="Cargo subcommand to see license of dependencies"
url="https://github.com/onur/cargo-license"
arch="all"
license="MIT"
makedepends="cargo cargo-auditable"
source="$pkgname-$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/$pkgver/download"

prepare() {
    default_prepare

    cargo fetch --target="$CTARGET" --locked
}

```

```

build() {
    cargo auditable build --release --frozen
}

check() {
    cargo test --frozen
}

package() {
    install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin
}

sha512sums="
36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00
272d796ac634f0a5e1d49232b6b29d5 cargo-license-0.6.1.tar.gz
"

/* $NetBSD: tree.h,v 1.20 2013/09/14 13:20:45 joerg Exp $ */
/* $OpenBSD: tree.h,v 1.13 2011/07/09 00:19:45 pirofti Exp $ */
/* Modified by Void Linux. */
/*
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*/

#ifdef _SYS_TREE_H_
#define _SYS_TREE_H_

```

```

#ifdef __GNUC__
#define __GNUC_PREREQ__(x, y) \
    ((__GNUC__ == (x) && __GNUC_MINOR__ >= (y)) || \
     (__GNUC__ > (x)))
#else
#define __GNUC_PREREQ__(x, y) 0
#endif

#if __GNUC_PREREQ__(2, 7) || defined(__lint__)
#define _sys_tree_h_unused __attribute__((__unused__))
#else
#define _sys_tree_h_unused /* delete */
#endif

/*
 * This file defines data structures for different types of trees:
 * splay trees and red-black trees.
 *
 * A splay tree is a self-organizing
 * data structure. Every operation
 * on the tree causes a splay to happen. The splay moves the requested
 * node to the root of the tree and partly rebalances it.
 *
 * This has the benefit that request locality causes faster lookups as
 * the requested nodes move to the top of the tree. On the other hand,
 * every lookup causes memory writes.
 *
 * The Balance Theorem bounds the total access time for m operations
 * and n inserts on an initially empty tree as  $O((m + n)\lg n)$ . The
 * amortized cost for a sequence of m accesses to a splay tree is  $O(\lg n)$ ;
 *
 * A red-black tree is a binary search tree with the node color as an
 * extra attribute. It fulfills a set of conditions:
 * - every search path from the root to a leaf consists of the
 *   same number of black nodes,
 * - each red node (except for the root) has a black parent,
 * - each leaf node is black.
 *
 * Every operation on a red-black tree is bounded as  $O(\lg n)$ .
 * The maximum height of a red-black tree is  $2\lg(n+1)$ .
 */

#define SPLAY_HEAD(name, type) \
    struct name { \
        struct type *sph_root; /* root of the tree */ \
    }

#define SPLAY_INITIALIZER(root) \

```

```

{ NULL }

#define SPLAY_INIT(root) do { \
    (root)->sph_root = NULL; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ENTRY(type) \
struct { \
    struct type *spe_left; /* left element */ \
    struct type *spe_right; /* right element */ \
}

#define SPLAY_LEFT(elm, field) (elm)->field.spe_left
#define SPLAY_RIGHT(elm, field) (elm)->field.spe_right
#define SPLAY_ROOT(head) (head)->sph_root
#define SPLAY_EMPTY(head) (SPLAY_ROOT(head) == NULL)

/* SPLAY_ROTATE_{LEFT,RIGHT} expect that tmp hold SPLAY_{RIGHT,LEFT} */
#define SPLAY_ROTATE_RIGHT(head, tmp, field) do { \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(tmp, field); \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ROTATE_LEFT(head, tmp, field) do { \
    SPLAY_RIGHT((head)->sph_root, \
    field) = SPLAY_LEFT(tmp, field); \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKLEFT(head, tmp, field) do { \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_LEFT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKRIGHT(head, tmp, field) do { \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ASSEMBLE(head, node, left, right, field) do { \
    SPLAY_RIGHT(left, field) = SPLAY_LEFT((head)->sph_root, field); \
    SPLAY_LEFT(right, field) = SPLAY_RIGHT((head)->sph_root, field); \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(node, field); \
    SPLAY_RIGHT((head)->sph_root, field) = SPLAY_LEFT(node, field); \
}

```



```

} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */

#define
    SPLAY_PROTOTYPE(name, type, field, cmp) \
void name##_SPLAY(struct name *, struct type *); \
void name##_SPLAY_MINMAX(struct name *, int); \
struct type *name##_SPLAY_INSERT(struct name *, struct type *); \
struct type *name##_SPLAY_REMOVE(struct name *, struct type *); \
    \
/* Finds the node with the same key as elm */ \
static __inline struct type * \
name##_SPLAY_FIND(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) \
        return(NULL); \
    name##_SPLAY(head, elm); \
    if ((cmp)(elm, (head)->sph_root) == 0) \
        return (head->sph_root); \
    return (NULL); \
} \
    \
static __inline _sys_tree_h_unused struct type * \
name##_SPLAY_NEXT(struct name *head, struct type *elm) \
{ \
    name##_SPLAY(head, elm); \
    if (SPLAY_RIGHT(elm, field) != NULL) { \
        elm = SPLAY_RIGHT(elm, field); \
        while (SPLAY_LEFT(elm, field) != NULL) { \
            elm = SPLAY_LEFT(elm, field); \
        } \
    } \
    else \
        elm = NULL; \
    return (elm); \
} \
    \
static _sys_tree_h_unused __inline struct type * \
name##_SPLAY_MIN_MAX(struct name *head, int val) \
{ \
    name##_SPLAY_MINMAX(head, val); \
    return (SPLAY_ROOT(head)); \
}

/* Main splay operation.
 * Moves node close to the key of elm to top
 */

```

```

#define SPLAY_GENERATE(name, type, field, cmp) \
struct type * \
name##_SPLAY_INSERT(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) { \
        SPLAY_LEFT(elm, field) = SPLAY_RIGHT(elm, field) = NULL; \
    } else { \
        int __comp; \
        name##_SPLAY(head, elm); \
        __comp = (cmp)(elm, (head)->sph_root); \
        if(__comp < 0) { \
            SPLAY_LEFT(elm, field) = SPLAY_LEFT((head)->sph_root, field);\
            SPLAY_RIGHT(elm, field) = (head)->sph_root; \
            SPLAY_LEFT((head)->sph_root, field) = NULL; \
        } else if (__comp > 0) { \
            SPLAY_RIGHT(elm, \
field) = SPLAY_RIGHT((head)->sph_root, field);\
            SPLAY_LEFT(elm, field) = (head)->sph_root; \
            SPLAY_RIGHT((head)->sph_root, field) = NULL; \
        } else \
            return ((head)->sph_root); \
    } \
    (head)->sph_root = (elm); \
    return (NULL); \
} \
\
struct type * \
name##_SPLAY_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *__tmp; \
    if (SPLAY_EMPTY(head)) \
        return (NULL); \
    name##_SPLAY(head, elm); \
    if ((cmp)(elm, (head)->sph_root) == 0) { \
        if (SPLAY_LEFT((head)->sph_root, field) == NULL) { \
            (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field);\
        } else { \
            __tmp = SPLAY_RIGHT((head)->sph_root, field); \
            (head)->sph_root = SPLAY_LEFT((head)->sph_root, field);\
            name##_SPLAY(head, elm); \
            SPLAY_RIGHT((head)->sph_root, field) = __tmp; \
        } \
        return (elm); \
    } \
    return (NULL); \
} \
\
void \

```

```

name##_SPLAY(struct
name *head, struct type *elm) \
{ \
struct type __node, *__left, *__right, *__tmp; \
int __comp; \
\
SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
__left = __right = &__node; \
\
while ((__comp = (cmp)(elm, (head)->sph_root)) != 0) { \
if (__comp < 0) { \
__tmp = SPLAY_LEFT((head)->sph_root, field); \
if (__tmp == NULL) \
break; \
if ((cmp)(elm, __tmp) < 0){ \
SPLAY_ROTATE_RIGHT(head, __tmp, field); \
if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
break; \
} \
SPLAY_LINKLEFT(head, __right, field); \
} else if (__comp > 0) { \
__tmp = SPLAY_RIGHT((head)->sph_root, field); \
if (__tmp == NULL) \
break; \
if ((cmp)(elm, __tmp) > 0){ \
SPLAY_ROTATE_LEFT(head, __tmp, field); \
if (SPLAY_RIGHT((head)->sph_root, field) == NULL)\
break; \
} \
SPLAY_LINKRIGHT(head, __left, field); \
} \
} \
SPLAY_ASSEMBLE(head,
&__node, __left, __right, field); \
} \
\
/* Splay with either the minimum or the maximum element \
* Used to find minimum or maximum element in tree. \
*/ \
void name##_SPLAY_MINMAX(struct name *head, int __comp) \
{ \
struct type __node, *__left, *__right, *__tmp; \
\
SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
__left = __right = &__node; \
\
while (1) { \
if (__comp < 0) { \

```

```

__tmp = SPLAY_LEFT((head)->sph_root, field); \
if (__tmp == NULL) \
    break; \
if (__comp < 0){ \
    SPLAY_ROTATE_RIGHT(head, __tmp, field); \
    if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
        break; \
} \
SPLAY_LINKLEFT(head, __right, field); \
} else if (__comp > 0) { \
    __tmp = SPLAY_RIGHT((head)->sph_root, field); \
    if (__tmp == NULL) \
        break; \
    if (__comp > 0) { \
        SPLAY_ROTATE_LEFT(head, __tmp, field); \
        if (SPLAY_RIGHT((head)->sph_root,
field) == NULL)\
            break; \
    } \
    SPLAY_LINKRIGHT(head, __left, field); \
} \
} \
SPLAY_ASSEMBLE(head, &__node, __left, __right, field); \
}

#define SPLAY_NEGINF -1
#define SPLAY_INF 1

#define SPLAY_INSERT(name, x, y) name##_SPLAY_INSERT(x, y)
#define SPLAY_REMOVE(name, x, y) name##_SPLAY_REMOVE(x, y)
#define SPLAY_FIND(name, x, y) name##_SPLAY_FIND(x, y)
#define SPLAY_NEXT(name, x, y) name##_SPLAY_NEXT(x, y)
#define SPLAY_MIN(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_NEGINF))
#define SPLAY_MAX(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_INF))

#define SPLAY_FOREACH(x, name, head) \
    for ((x) = SPLAY_MIN(name, head); \
        (x) != NULL; \
        (x) = SPLAY_NEXT(name, head, x))

/* Macros that define a red-black tree */
#define RB_HEAD(name, type) \
struct name { \
    struct type *rbh_root; /* root of the tree */ \
}

```

```

#define RB_INITIALIZER(root) \
{
    NULL }

#define RB_INIT(root) do { \
    (root)->rbh_root = NULL; \
} while (/*CONSTCOND*/ 0)

#define RB_BLACK 0
#define RB_RED 1
#define RB_ENTRY(type) \
struct { \
    struct type *rbe_left; /* left element */ \
    struct type *rbe_right; /* right element */ \
    struct type *rbe_parent; /* parent element */ \
    int rbe_color; /* node color */ \
}

#define RB_LEFT(elm, field) (elm)->field.rbe_left
#define RB_RIGHT(elm, field) (elm)->field.rbe_right
#define RB_PARENT(elm, field) (elm)->field.rbe_parent
#define RB_COLOR(elm, field) (elm)->field.rbe_color
#define RB_ROOT(head) (head)->rbh_root
#define RB_EMPTY(head) (RB_ROOT(head) == NULL)

#define RB_SET(elm, parent, field) do { \
    RB_PARENT(elm, field) = parent; \
    RB_LEFT(elm, field) = RB_RIGHT(elm, field) = NULL; \
    RB_COLOR(elm, field) = RB_RED; \
} while (/*CONSTCOND*/ 0)

#define RB_SET_BLACKRED(black, red, field) do { \
    RB_COLOR(black, field) = RB_BLACK; \
    RB_COLOR(red, field) \
    = RB_RED; \
} while (/*CONSTCOND*/ 0)

#ifndef RB_AUGMENT
#define RB_AUGMENT(x) do {} while (/*CONSTCOND*/ 0)
#endif

#define RB_ROTATE_LEFT(head, elm, tmp, field) do { \
    (tmp) = RB_RIGHT(elm, field); \
    if ((RB_RIGHT(elm, field) = RB_LEFT(tmp, field)) != NULL) { \
        RB_PARENT(RB_LEFT(tmp, field), field) = (elm); \
    } \
    RB_AUGMENT(elm); \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \

```

```

if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
    RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
else \
    RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
} else \
    (head)->rbh_root = (tmp); \
    RB_LEFT(tmp, field) = (elm); \
    RB_PARENT(elm, field) = (tmp); \
    RB_AUGMENT(tmp); \
    if ((RB_PARENT(tmp, field))) \
        RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

#define RB_ROTATE_RIGHT(head, elm, tmp, field) do { \
    (tmp) = RB_LEFT(elm, field); \
    if ((RB_LEFT(elm, field) = RB_RIGHT(tmp, field)) \
        != NULL) { \
        RB_PARENT(RB_RIGHT(tmp, field), field) = (elm); \
    } \
    RB_AUGMENT(elm); \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
        if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
            RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
        else \
            RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
    } else \
        (head)->rbh_root = (tmp); \
    RB_RIGHT(tmp, field) = (elm); \
    RB_PARENT(elm, field) = (tmp); \
    RB_AUGMENT(tmp); \
    if ((RB_PARENT(tmp, field))) \
        RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */
#define RB_PROTOTYPE(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp,)
#define RB_PROTOTYPE_STATIC(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_PROTOTYPE_INTERNAL(name, type, field, cmp, attr) \
    attr void name##_RB_INSERT_COLOR(struct name *, struct \
        type *); \
    attr void name##_RB_REMOVE_COLOR(struct name *, struct type *, struct type *); \
    attr struct type *name##_RB_REMOVE(struct name *, struct type *); \
    attr struct type *name##_RB_INSERT(struct name *, struct type *); \
    attr struct type *name##_RB_FIND(struct name *, struct type *); \
    attr struct type *name##_RB_NFIND(struct name *, struct type *); \
    attr struct type *name##_RB_NEXT(struct type *); \

```

```

attr struct type *name##_RB_PREV(struct type *); \
attr struct type *name##_RB_MINMAX(struct name *, int); \
\

/* Main rb operation.
* Moves node close to the key of elm to top
*/

#define RB_GENERATE(name, type, field, cmp) \
RB_GENERATE_INTERNAL(name, type, field, cmp,)
#define RB_GENERATE_STATIC(name, type, field, cmp) \
RB_GENERATE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_GENERATE_INTERNAL(name, type, field, cmp, attr) \
attr void \
name##_RB_INSERT_COLOR(struct name *head, struct type *elm) \
{ \
struct type \
*parent, *gparent, *tmp; \
while ((parent = RB_PARENT(elm, field)) != NULL && \
RB_COLOR(parent, field) == RB_RED) { \
gparent = RB_PARENT(parent, field); \
if (parent == RB_LEFT(gparent, field)) { \
tmp = RB_RIGHT(gparent, field); \
if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
RB_COLOR(tmp, field) = RB_BLACK; \
RB_SET_BLACKRED(parent, gparent, field);\
elm = gparent; \
continue; \
} \
if (RB_RIGHT(parent, field) == elm) { \
RB_ROTATE_LEFT(head, parent, tmp, field);\
tmp = parent; \
parent = elm; \
elm = tmp; \
} \
RB_SET_BLACKRED(parent, gparent, field);\
RB_ROTATE_RIGHT(head, gparent, tmp, field);\
} else { \
tmp = RB_LEFT(gparent, field); \
if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
RB_COLOR(tmp, field) = RB_BLACK; \
RB_SET_BLACKRED(parent, gparent, field);\
elm = gparent; \
continue; \
} \
if (RB_LEFT(parent, field) == elm) \
{ \
RB_ROTATE_RIGHT(head, parent, tmp, field);\
tmp = parent; \

```

```

    parent = elm; \
    elm = tmp; \
} \
RB_SET_BLACKRED(parent, gparent, field); \
RB_ROTATE_LEFT(head, gparent, tmp, field); \
} \
} \
RB_COLOR(head->rbh_root, field) = RB_BLACK; \
} \
\
attr void \
name##_RB_REMOVE_COLOR(struct name *head, struct type *parent, struct type *elm) \
{ \
    struct type *tmp; \
    while ((elm == NULL || RB_COLOR(elm, field) == RB_BLACK) && \
        elm != RB_ROOT(head)) { \
        if (RB_LEFT(parent, field) == elm) { \
            tmp = RB_RIGHT(parent, field); \
            if (RB_COLOR(tmp, field) == RB_RED) { \
                RB_SET_BLACKRED(tmp, parent, field); \
                RB_ROTATE_LEFT(head, parent, tmp, field); \
                tmp = RB_RIGHT(parent, field); \
            } \
            if ((RB_LEFT(tmp, field) == NULL || \
                RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) && \
                (RB_RIGHT(tmp, field) == NULL || \
                RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) { \
                RB_COLOR(tmp, field) = RB_RED; \
                elm = parent; \
                parent = RB_PARENT(elm, field); \
            } else { \
                if (RB_RIGHT(tmp, field) == NULL || \
                    RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK) { \
                    struct type *oleft; \
                    if ((oleft = RB_LEFT(tmp, field)) \
                        != NULL) \
                        RB_COLOR(oleft, field) = RB_BLACK; \
                    RB_COLOR(tmp, field) = RB_RED; \
                    RB_ROTATE_RIGHT(head, tmp, oleft, field); \
                    tmp = RB_RIGHT(parent, field); \
                } \
                RB_COLOR(tmp, field) = RB_COLOR(parent, field); \
                RB_COLOR(parent, field) = RB_BLACK; \
                if (RB_RIGHT(tmp, field)) \
                    RB_COLOR(RB_RIGHT(tmp, field), field) = RB_BLACK; \
                RB_ROTATE_LEFT(head, parent, tmp, field); \
                elm = RB_ROOT(head); \
            } \
        } \
    } \
}

```



```

    break; \
} \
} else { \
    tmp = RB_LEFT(parent, field); \
    if (RB_COLOR(tmp, field) == RB_RED) { \
        RB_SET_BLACKRED(tmp, parent, field); \
        RB_ROTATE_RIGHT(head, parent, tmp, field);\
        tmp
= RB_LEFT(parent, field); \
    } \
    if ((RB_LEFT(tmp, field) == NULL || \
        RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) &&\
        (RB_RIGHT(tmp, field) == NULL || \
        RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) {\
        RB_COLOR(tmp, field) = RB_RED; \
        elm = parent; \
        parent = RB_PARENT(elm, field); \
    } else { \
        if (RB_LEFT(tmp, field) == NULL || \
            RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) {\
            struct type *oright; \
            if ((oright = RB_RIGHT(tmp, field)) \
                != NULL) \
                RB_COLOR(oright, field) = RB_BLACK;\
            RB_COLOR(tmp, field) = RB_RED; \
            RB_ROTATE_LEFT(head, tmp, oright, field);\
            tmp = RB_LEFT(parent, field); \
        } \
        RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
        RB_COLOR(parent, field) = RB_BLACK; \
        if (RB_LEFT(tmp, field)) \
            RB_COLOR(RB_LEFT(tmp, field), field) = RB_BLACK;\
        RB_ROTATE_RIGHT(head, parent, tmp, field);\
        elm = RB_ROOT(head); \
        break; \
    } \
} \
} \
} \
if
(elm) \
    RB_COLOR(elm, field) = RB_BLACK; \
} \
\
attr struct type * \
name##_RB_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *child, *parent, *old = elm; \
    int color; \

```

```

if (RB_LEFT(elm, field) == NULL) \
    child = RB_RIGHT(elm, field); \
else if (RB_RIGHT(elm, field) == NULL) \
    child = RB_LEFT(elm, field); \
else { \
    struct type *left; \
    elm = RB_RIGHT(elm, field); \
    while ((left = RB_LEFT(elm, field)) != NULL) \
        elm = left; \
    child = RB_RIGHT(elm, field); \
    parent = RB_PARENT(elm, field); \
    color = RB_COLOR(elm, field); \
    if (child) \
        RB_PARENT(child, field) = parent; \
    if (parent) { \
        if (RB_LEFT(parent, field) == elm) \
            RB_LEFT(parent, field) = child; \
        else \
            RB_RIGHT(parent, field) = child; \
        RB_AUGMENT(parent); \
    } else \
        RB_ROOT(head)
= child; \
if (RB_PARENT(elm, field) == old) \
    parent = elm; \
(elm)->field = (old)->field; \
if (RB_PARENT(old, field)) { \
    if (RB_LEFT(RB_PARENT(old, field), field) == old)\
        RB_LEFT(RB_PARENT(old, field), field) = elm;\
    else \
        RB_RIGHT(RB_PARENT(old, field), field) = elm;\
    RB_AUGMENT(RB_PARENT(old, field)); \
} else \
    RB_ROOT(head) = elm; \
RB_PARENT(RB_LEFT(old, field), field) = elm; \
if (RB_RIGHT(old, field)) \
    RB_PARENT(RB_RIGHT(old, field), field) = elm; \
if (parent) { \
    left = parent; \
    do { \
        RB_AUGMENT(left); \
    } while ((left = RB_PARENT(left, field)) != NULL); \
} \
goto color; \
} \
parent = RB_PARENT(elm, field); \
color = RB_COLOR(elm, field); \
if (child) \

```

```

RB_PARENT(child, field) = parent; \
if (parent) { \
    if (RB_LEFT(parent, field) == elm) \
        RB_LEFT(parent, field) = child; \
    else \
        RB_RIGHT(parent,
field) = child; \
    RB_AUGMENT(parent); \
} else \
    RB_ROOT(head) = child; \
color: \
if (color == RB_BLACK) \
    name##_RB_REMOVE_COLOR(head, parent, child); \
return (old); \
} \
\
/* Inserts a node into the RB tree */ \
attr struct type * \
name##_RB_INSERT(struct name *head, struct type *elm) \
{ \
    struct type *tmp; \
    struct type *parent = NULL; \
    int comp = 0; \
    tmp = RB_ROOT(head); \
    while (tmp) { \
        parent = tmp; \
        comp = (cmp)(elm, parent); \
        if (comp < 0) \
            tmp = RB_LEFT(tmp, field); \
        else if (comp > 0) \
            tmp = RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    } \
    RB_SET(elm, parent, field); \
    if (parent != NULL) { \
        if (comp < 0) \
            RB_LEFT(parent, field) = elm; \
        else \
            RB_RIGHT(parent, field) = elm; \
        RB_AUGMENT(parent); \
    } else \
        RB_ROOT(head) = elm; \
    name##_RB_INSERT_COLOR(head,
elm); \
    return (NULL); \
} \
\

```

```

/* Finds the node with the same key as elm */ \
attr struct type * \
name##_RB_FIND(struct name *head, struct type *elm) \
{ \
    struct type *tmp = RB_ROOT(head); \
    int comp; \
    while (tmp) { \
        comp = cmp(elm, tmp); \
        if (comp < 0) \
            tmp = RB_LEFT(tmp, field); \
        else if (comp > 0) \
            tmp = RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    } \
    return (NULL); \
} \

/* Finds the first node greater than or equal to the search key */\
attr struct type * \
name##_RB_NFIND(struct name *head, struct type *elm) \
{ \
    struct type *tmp = RB_ROOT(head); \
    struct type *res = NULL; \
    int comp; \
    while (tmp) { \
        comp = cmp(elm, tmp); \
        if (comp < 0) { \
            res = tmp; \
            tmp = RB_LEFT(tmp, field); \
        } \
        else if (comp > 0) \
            tmp = \
RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    } \
    return (res); \
} \

/* ARGSUSED */ \
attr struct type * \
name##_RB_NEXT(struct type *elm) \
{ \
    if (RB_RIGHT(elm, field)) { \
        elm = RB_RIGHT(elm, field); \
        while (RB_LEFT(elm, field)) \
            elm = RB_LEFT(elm, field); \
    } \
}

```

```

} else {
    \
    if (RB_PARENT(elm, field) &&
        (elm == RB_LEFT(RB_PARENT(elm, field), field))) \
        elm = RB_PARENT(elm, field); \
    else {
        \
        while (RB_PARENT(elm, field) &&
            (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field); \
        elm = RB_PARENT(elm, field); \
    } \
} \
return (elm); \
} \
\
/* ARGSUSED */ \
attr struct type * \
name##_RB_PREV(struct type *elm) \
{
    \
    if (RB_LEFT(elm, field)) { \
        elm = RB_LEFT(elm, field); \
        while (RB_RIGHT(elm, field)) \
            elm = RB_RIGHT(elm, field); \
    }
    else {
        \
        if (RB_PARENT(elm, field) &&
            (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field); \
        else {
            \
            while (RB_PARENT(elm, field) &&
                (elm == RB_LEFT(RB_PARENT(elm, field), field))) \
                elm = RB_PARENT(elm, field); \
            elm = RB_PARENT(elm, field); \
        } \
    } \
    return (elm); \
} \
\
attr struct type * \
name##_RB_MINMAX(struct name *head, int val) \
{
    \
    struct type *tmp = RB_ROOT(head); \
    struct type *parent = NULL; \
    while (tmp) {
        \
        parent = tmp; \
        if (val < 0) \
            tmp = RB_LEFT(tmp, field); \
        else \
            tmp = RB_RIGHT(tmp, field); \
    }

```

```

}    \
return (parent);    \
}

#define RB_NEGINF -1
#define RB_INF 1

#define RB_INSERT(name, x, y) name##_RB_INSERT(x, y)
#define RB_REMOVE(name, x, y) name##_RB_REMOVE(x, y)
#define RB_FIND(name, x, y) name##_RB_FIND(x, y)
#define RB_NFIND(name, x, y) name##_RB_NFIND(x,
y)
#define RB_NEXT(name, x, y) name##_RB_NEXT(y)
#define RB_PREV(name, x, y) name##_RB_PREV(y)
#define RB_MIN(name, x) name##_RB_MINMAX(x, RB_NEGINF)
#define RB_MAX(name, x) name##_RB_MINMAX(x, RB_INF)

#define RB_FOREACH(x, name, head)    \
for ((x) = RB_MIN(name, head);    \
(x) != NULL;    \
(x) = name##_RB_NEXT(x))

#define RB_FOREACH_FROM(x, name, y)    \
for ((x) = (y);    \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_SAFE(x, name, head, y)    \
for ((x) = RB_MIN(name, head);    \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_REVERSE(x, name, head)    \
for ((x) = RB_MAX(name, head);    \
(x) != NULL;    \
(x) = name##_RB_PREV(x))

#define RB_FOREACH_REVERSE_FROM(x, name, y)    \
for ((x) = (y);    \
((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_REVERSE_SAFE(x, name,
head, y)    \
for ((x) = RB_MAX(name, head);    \
((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
(x) = (y))

```

#endif /* _SYS_TREE_H_ */

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Maintainer: Natanael Copa <ncopa@alpinelinux.org>

pkgname=libart-lgpl

```
pkgver=2.3.21
pkgrel=8
pkgdesc="A library for high-performance 2D graphics"
url="https://www.levien.com/libart/"
arch="all"
options="!check" # No test suite.
license="LGPL-2.0-or-later"
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2"
"
```

```
builddir="$srcdir"/libart_lgpl-$pkgver
```

```
prepare() {
    update_config_sub
    default_prepare
}
```

```
build() {
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr
    make
}
```

```
package() {
    make DESTDIR="$pkgdir" install
}
```

```
sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"
mini_sendmail - accept email on behalf of real sendmail
```

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1.212 perfmark-api 0.17.0

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```
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 */
```

Found in path(s):

```
* /perfmark-api-0-17-0-sources-3-jar/io/perfmark/PerfMark.java
* /perfmark-api-0-17-0-sources-3-jar/io/perfmark/Tag.java
* /perfmark-api-0-17-0-sources-3-jar/io/perfmark/Link.java
* /perfmark-api-0-17-0-sources-3-jar/io/perfmark/package-info.java
* /perfmark-api-0-17-0-sources-3-jar/io/perfmark/Impl.java
```

1.213 netty-codec-mqtt 4.2.7.Final

1.213.1 Available under license :

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```
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-
jar/io/netty/handler/codec/mqtt/MqttCodecUtil.java/*
```

/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttConnAckMessage.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttConnAckVariableHeader.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttConnectMessage.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttConnectPayload.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttConnectReturnCode.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttConnectVariableHeader.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttConstant.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttDecoder.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttEncoder.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttFixedHeader.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttIdentifierRejectedException.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttMessage.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttMessageBuilders.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttMessageFactory.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttMessageIdAndPropertiesVariableHeader.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttMessageIdVariableHeader.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttMessageType.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttProperties.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttPubAckMessage.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttPubReplyMessageVariableHeader.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttPublishMessage.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttPublishVariableHeader.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttQoS.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttReasonCodeAndPropertiesVariableHeader.java/*

/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttReasonCodes.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttSubAckMessage.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttSubAckPayload.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttSubscribeMessage.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttSubscribePayload.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttSubscriptionOption.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttTopicSubscription.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttUnacceptableProtocolVersionException.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttUnsubAckMessage.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttUnsubAckPayload.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttUnsubscribeMessage.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttUnsubscribePayload.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/MqttVersion.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/io/netty/handler/codec/mqtt/package-info.java/*
/opt/cola/permits/2710946609_1765177704.176233/0/netty-codec-mqtt-4-2-7-final-sources-jar/module-info.yml#

Found in path(s):

*

No license file was found, but licenses were detected in source scan.

<?xml version="1.0" encoding="UTF-8"?>

Found in path(s):

* /netty-codec-mqtt-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-codec-mqtt/pom.xml

1.214 netty-codec-stomp 4.2.7.Final

1.214.1 Available under license :

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<?xml version="1.0" encoding="UTF-8"?>

Found in path(s):

* /netty-codec-stomp-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-codec-stomp/pom.xml

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/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/DefaultLastStompContentSubframe.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/DefaultStompContentSubframe.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/DefaultStompFrame.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/DefaultStompHeaders.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/DefaultStompHeadersSubframe.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/LastStompContentSubframe.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/StompCommand.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/StompConstants.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/StompContentSubframe.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/StompFrame.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/StompHeaders.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/StompHeadersSubframe.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/StompSubframe.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/StompSubframeAggregator.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/StompSubframeDecoder.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/StompSubframeEncoder.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/io/netty/handler/codec/stomp/package-info.java/*
/opt/cola/permits/2711034941_1765177795.9794006/0/netty-codec-stomp-4-2-7-final-sources-jar/module-info.yml#

Found in path(s):

*

1.215 hystrix-metrics-event-stream 1.5.18

1.216 commons-compress 1.26.0

1.216.1 Available under license :

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1.217 guava 32.1.3-jre

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1.220 zkclient 0.10

1.221 lombok 1.18.24

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1.222 kotlin 1.8.21

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1.224 mariadb-common 11.4.8-r0

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Christian Hammers <ch@debian.org>.

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Upstream-Contact: David Garske <david@wolfssl.com>

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<one line to give the library's name and a brief idea of what it does.>

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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/* Structure of the name list */

```
struct show_table_contributors_st {  
    const char *name;  
    const char *location;  
    const char *comment;  
};
```

/*

Output from "SHOW CONTRIBUTORS"

Get permission before editing.

Names should be encoded using UTF-8.

See also <https://mariadb.com/kb/en/log-of-mariadb-contributions/>

*/

```
struct show_table_contributors_st show_table_contributors[] = {  
    /* MariaDB Foundation sponsors, alphabetical by tier */  
    {"Amazon", "https://www.amazon.com/", "Diamond Sponsor of the MariaDB Foundation"},  
    {"Acronis", "https://www.acronis.com/", "Platinum Sponsor of the MariaDB Foundation"},  
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1.225 log4j-api 2.17.2

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1.226 jaxb-runtime 4.0.5

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1.230 reactive-streams 1.0.2

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```

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* /reactive-streams-1-0-2-sources-1-jar/org/reactivestreams/Publisher.java
*
* /reactive-streams-1-0-2-sources-1-jar/org/reactivestreams/Processor.java
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1.231 commons-logging 1.3.2

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1.232 hk2-api 2.5.0

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## xwd v1.0.7

### xwd utility
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/*****

*

* This file is based on code from bdf.c,v 1.22 2000/03/16 20:08:50

*

* taken from Mark Leisher's xmbdfed package

*

*/

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Mesa 3-D Graphics Library v21.0.3

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Gallium code	src/gallium/	MIT
Ext headers	GL/glxt.h	Khronos
	GL/glxt.h	Khronos
	GL/wglxt.h	Khronos
	KHR/khrplatform.h	Khronos

include/GL/gl.h :

Mesa 3-D

graphics library

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```
include/GL/glxt.h
include/GL/glxext.h
include/GL/wglxt.h :
```

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include/KHR/khrplatform.h :

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Little Color Management System (LCMS) v2.12

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Little Color Management System

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Bert Belder: wepoll v 1.5.8

wepoll License

...

wepoll - epoll for Windows

<https://github.com/piscisaureus/wepoll>

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1.237 alpine-baselayout-data 3.7.0-r0

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pkgname=perl-software-license
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url="http://search.cpan.org/dist/Software-License/"
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license="GPL PerlArtistic"
cpandepends="perl-text-template perl-data-section perl-sub-install"
cpanmakedepends=""
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/${_pkgreal}-${pkgver}.tar.gz"

_buildddir="$srcdir/${_pkgreal}-${pkgver}"

prepare() {
    cd "$_buildddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
    cd "$_buildddir"
```

```

export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`
make && make test
}

package() {
cd "$_builddir"
make
DESTDIR="$pkgdir" install || return 1
find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

md5sums="0c5fd53d93818566234578b27d667b35 Software-License-0.103004.tar.gz"
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=5
pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/"
arch="all"
license="LGPL"
depends=
makedepends=
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-$pkgver.tar.bz2"
"

_builddir="$srcdir"/libart-lgpl-$pkgver

prepare() {
cd "$_builddir"
update_config_sub || return 1
}
build() {
cd "$_builddir"
./configure \
--build=$CBUILD \
--host=$CHOST \
--prefix=/usr \
|| return 1
make || return 1
}

package() {
cd "$_builddir"
make DESTDIR="$pkgdir" install || return 1
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7"

```

6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"

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Contributor: Valery Kartel <valery.kartel@gmail.com>

Maintainer: Valery Kartel <valery.kartel@gmail.com>

pkgname=perl-bdd-resource

_pkgreal=BSD-Resource

pkgver=1.2909

pkgrel=2

pkgdesc="Perl extension implements the BSD process resource limit functions"

url="http://search.cpan.org/dist/BSD-Resource/"

arch="all"

license="GPL PerlArtistic"

cpandepends=""

cpanmakedepends=""

depends="\$cpandepends"

makedepends="perl-dev \$cpanmakedepends"

subpackages="\$pkgname-doc"

source="http://search.cpan.org/CPAN/authors/id/J/JH/JHI/_pkgreal-\$pkgver.tar.gz"

_builddir="\$srcdir/_pkgreal-\$pkgver"

prepare() {

cd "\$_builddir"

```

export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`
PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
cd "$_builddir"
export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`
make && make test || return 1
}

package() {
cd "$_builddir"
make DESTDIR="$pkgdir" install || return 1
find "$pkgdir"
\ ( -name perllocal.pod -o -name .packlist ) -delete
}

md5sums="3c6dd2fa953088aa87e263f40818d012 BSD-Resource-1.2909.tar.gz"
sha256sums="c47d460e2bd00d8d049f6ff4a0f1f61957e289e8de45af5fc79e851e2e855e06 BSD-Resource-
1.2909.tar.gz"
sha512sums="5f489eaac5089e82081b7cf51d62638750e443751b49415407354da96b17771819b5e6e85529faa41ddd
85743363750157943c7f7700276cce2bd40a429fa430 BSD-Resource-1.2909.tar.gz"
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Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>

pkgname=py-flake8-copyright

_pkgname=flake8-copyright

pkgver=0.2.0

pkgrel=1

pkgdesc="Extension for flake8 which checks for copyrights"

url="https://github.com/savoirfairelinux/flake8-copyright"

arch="noarch"

license="MIT"

depends="flake8"

makedepends="python3-dev"

source="https://files.pythonhosted.org/packages/source/\${_pkgname:0:1}/\${_pkgname}/\${_pkgname}-\${pkgver}.tar.gz"

builddir="\$srcdir"/_\${_pkgname}-\${pkgver}

```
build() {  
    cd "$builddir"  
    python3 setup.py build || return 1  
}
```

```
package() {  
    cd "$builddir"  
    python3 setup.py install --prefix=/usr --root="$pkgdir" || return 1  
}
```

md5sums="c6348990c6d74933bf5d5f6a55a14bdf flake8-copyright-0.2.0.tar.gz"

sha256sums="aeef26eb4d5223c9cd5b101e68175fcef6d2b353bf36da688fdde62fccfe2b73 flake8-copyright-0.2.0.tar.gz"

sha512sums="bab1bfaeed3a525ac3c7da12b1f2ec338c204cc69b72d05cd39560e528faff5d586c3b1be9570f4a977a7e2417b586e543bfba12abce256b2023c8c4993eeb90"

flake8-copyright-0.2.0.tar.gz"
mini_sendmail - accept email on behalf of real sendmail

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* /jctools-core-4-0-5-6-jar/META-INF/maven/org.jctools/jctools-core/pom.xml
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Manifest-Version: 1.0
Bnd-LastModified: 1717253512851
Build-Jdk-Spec: 1.8
Bundle-Description: Java Concurrency Tools Core Library
Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>
Bundle-ManifestVersion: 2
Bundle-Name: Java Concurrency Tools Core Library
Bundle-SymbolicName: org.jctools.core
Bundle-Version: 4.0.5
Created-By: Apache Maven Bundle Plugin 5.1.8
Export-Package: org.jctools.maps;version="4.0.5",org.jctools.util;version="4.0.5";uses="sun.misc",org.jctools.queues;version="4.0.5",org.jctools.queues.atomic;version="4.0.5";uses="org.jctools.queues",org.jctools.queues.atomic.unpadded;version="4.0.5";uses="org.jctools.queues",org.jctools.queues.unpadded;version="4.0.5";uses="org.jctools.queues",org.jctools.counters;version="4.0.5"
Import-Package: sun.misc;resolution:=optional
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-6.3.1.202206071316

Found in path(s):
*
/jctools-core-4-0-5-6-jar/META-INF/MANIFEST.MF

1.240 jaxb-api 2.3.1

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1.242 netty-codec-native-quic 4.2.7.Final

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No license file was found, but licenses were detected in source scan.

```
<?xml version="1.0" encoding="UTF-8"?>
```

Found in path(s):

* /netty-codec-native-quic-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-codec-native-quic/pom.xml

No license file was found, but licenses were detected in source scan.

```
/opt/cola/permits/2712306213_1765184936.167002/0/netty-codec-native-quic-4-2-7-final-sources-jar/META-INF/native-image/io.netty/netty-codec-native-quic/native-image.properties# Copyright 2023 The Netty Project
/opt/cola/permits/2712306213_1765184936.167002/0/netty-codec-native-quic-4-2-7-final-sources-jar/netty_quic.h/*
/opt/cola/permits/2712306213_1765184936.167002/0/netty-codec-native-quic-4-2-7-final-sources-jar/netty_quic_boringssl.c/*
/opt/cola/permits/2712306213_1765184936.167002/0/netty-codec-native-quic-4-2-7-final-sources-jar/netty_quic_boringssl.h/*
/opt/cola/permits/2712306213_1765184936.167002/0/netty-codec-native-quic-4-2-7-final-sources-jar/netty_quic_quiche.c/*
```

Found in path(s):

*

1.243 netty-transport-native-kqueue

4.2.7.Final

1.243.1 Available under license :

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```
/opt/cola/permits/2712331353_1765178075.4943616/0/netty-transport-native-kqueue-4-2-7-final-sources-jar/netty_kqueue_bsdsocket.c/*
/opt/cola/permits/2712331353_1765178075.4943616/0/netty-transport-native-kqueue-4-2-7-final-sources-jar/netty_kqueue_bsdsocket.h/*
/opt/cola/permits/2712331353_1765178075.4943616/0/netty-transport-native-kqueue-4-2-7-final-sources-jar/netty_kqueue_eventarray.c/*
/opt/cola/permits/2712331353_1765178075.4943616/0/netty-transport-native-kqueue-4-2-7-final-sources-jar/netty_kqueue_eventarray.h/*
/opt/cola/permits/2712331353_1765178075.4943616/0/netty-transport-native-kqueue-4-2-7-final-sources-jar/netty_kqueue_native.c/*
```

Found in path(s):

*

No license file was found, but licenses were detected in source scan.

<?xml version="1.0" encoding="UTF-8"?>

Found in path(s):

* /netty-transport-native-kqueue-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-transport-native-kqueue/pom.xml

1.244 jackson-databind 2.18.3

1.244.1 Available under license :

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

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1.245 netty-codec-classes-quic 4.2.7.Final

1.245.1 Available under license :

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/opt/cola/permits/2712560420_1765184786.4751608/0/netty-codec-classes-quic-4-2-7-final-sources-jar/io/netty/handler/codec/quic/BoringSSLCertificateCallbackTask.java/*
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jar/io/netty/handler/codec/quic/ConnectionIdChannelMap.java/*
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/opt/cola/permits/2712560420_1765184786.4751608/0/netty-codec-classes-quic-4-2-7-final-sources-
jar/io/netty/handler/codec/quic/QuicChannelBootstrap.java/*
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jar/io/netty/handler/codec/quic/QuicStreamChannelConfig.java/*
/opt/cola/permits/2712560420_1765184786.4751608/0/netty-codec-classes-quic-4-2-7-final-sources-

jar/io/netty/handler/codec/quic/QuicStreamFrame.java/*
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jar/io/netty/handler/codec/quic/QuicTransportParameters.java/*
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jar/io/netty/handler/codec/quic/QuicheSendInfo.java/*
/opt/cola/permits/2712560420_1765184786.4751608/0/netty-codec-classes-quic-4-2-7-final-sources-
jar/io/netty/handler/codec/quic/SecureRandomQuicConnectionIdGenerator.java/*
/opt/cola/permits/2712560420_1765184786.4751608/0/netty-codec-classes-quic-4-2-7-final-sources-
jar/io/netty/handler/codec/quic/SegmentedDatagramPacketAllocator.java/*
/opt/cola/permits/2712560420_1765184786.4751608/0/netty-codec-classes-quic-4-2-7-final-sources-
jar/io/netty/handler/codec/quic/SipHash.java/*
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/opt/cola/permits/2712560420_1765184786.4751608/0/netty-codec-classes-quic-4-2-7-final-sources-
jar/io/netty/handler/codec/quic/SslEarlyDataReadyEvent.java/*
/opt/cola/permits/2712560420_1765184786.4751608/0/netty-codec-classes-quic-4-2-7-final-sources-
jar/io/netty/handler/codec/quic/SslSessionTicketKey.java/*
/opt/cola/permits/2712560420_1765184786.4751608/0/netty-codec-classes-quic-4-2-7-final-sources-
jar/io/netty/handler/codec/quic/package-info.java/*
/opt/cola/permits/2712560420_1765184786.4751608/0/netty-codec-classes-quic-4-2-7-final-sources-jar/module-
info.yml#
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1.246 hystrix-codahale-metrics-publisher

1.5.18

1.246.1 Available under license :

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* /hystrix-codahale-metrics-publisher-1-5-18-sources-1-
jar/com/netflix/hystrix/contrib/codahalemetricspublisher/HystrixCodaHaleMetricsPublisher.java
* /hystrix-codahale-metrics-publisher-1-5-18-sources-1-
jar/com/netflix/hystrix/contrib/codahalemetricspublisher/HystrixCodaHaleMetricsPublisherCollapser.java
* /hystrix-codahale-metrics-publisher-1-5-18-sources-1-
jar/com/netflix/hystrix/contrib/codahalemetricspublisher/HystrixCodaHaleMetricsPublisherCommand.java
*
/hystrix-codahale-metrics-publisher-1-5-18-sources-1-
jar/com/netflix/hystrix/contrib/codahalemetricspublisher/HystrixCodaHaleMetricsPublisherThreadPool.java
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* /hystrix-codahale-metrics-publisher-1-5-18-sources-1-jar/com/netflix/hystrix/contrib/codahalemetricspublisher/ConfigurableCodaHaleMetricFilter.java

1.247 sql-formatter 2.0.5

1.247.1 Available under license :

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1.248 swagger-integration 2.0.8

1.249 httpcomponents-core 4.4.16

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1.250 protobuf-java 4.28.2

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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Writer.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Reader.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/FieldSet.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/SchemaUtil.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UninitializedMessageException.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/WireFormat.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ProtoSyntax.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/DiscardUnknownFieldsParser.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageReflection.java
- *
- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/FieldInfo.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchemas.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RpcCallback.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapEntry.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CodedInputStreamReader.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RpcChannel.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ProtocolMessageEnum.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/AllocatedBuffer.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldBuilder.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ProtobufArrayList.java

- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/FieldType.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/AbstractParser.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Internal.java
- *
- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/GeneratedMessage.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ByteOutput.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionSchemas.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Utf8.java
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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnsafeByteOperations.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldSchemas.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/AbstractMessage.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionRegistryFactory.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldSchemaLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldReflectionAccessor.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageInfo.java
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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSetLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/BinaryWriter.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CodedOutputStreamWriter.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/StructuralMessageInfo.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/SchemaFactory.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageSetSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/AbstractProtobufList.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ListFieldSchemaLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/LazyStringArrayList.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldSchemaFull.java
- *
- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/TextFormatEscaper.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/DynamicMessage.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/AbstractMessageLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ArrayDecoders.java
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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ListFieldSchemaFull.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RepeatedFieldBuilder.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ListFieldSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnmodifiableLazyStringList.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Descriptors.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/IntArrayList.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/LazyField.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ListFieldSchemas.java
- *
- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionRegistryLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/TextFormatParseInfoTree.java

- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CompileTimeConstant.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnsafeUtil.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionSchemaLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Java8Compatibility.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSet.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Android.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Service.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/InvalidProtocolBufferException.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/GeneratedMessageLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RuntimeVersion.java
- *
- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Message.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSetSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ByteBufferWriter.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RpcController.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/SingleFieldBuilder.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionSchemaFull.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/BlockingService.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CodedOutputStream.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Schema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/TextFormatParseLocation.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/InlineMe.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/LazyStringList.java
- *
- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchemaLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapField.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/TypeRegistry.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CanIgnoreReturnValue.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/PrimitiveNonBoxingCollection.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RpcUtil.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ByteString.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchemaFull.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CodedInputStream.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/SmallSortedMap.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/TextFormat.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/FloatArrayList.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/DoubleArrayList.java
- *
- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/LazyFieldLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Extension.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExperimentalApi.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MutabilityOracle.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/OneofInfo.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Parser.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/BufferAllocator.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapEntryLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ProtocolStringList.java

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* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ManifestSchemaFactory.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionLite.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ServiceException.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Protobuf.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/IterableByteBufferInputStream.java
*
/protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageOrBuilder.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/BooleanArrayList.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSetLiteSchema.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/GeneratedMessageInfoFactory.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageLiteToString.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionRegistry.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/BlockingRpcChannel.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageLiteOrBuilder.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageInfoFactory.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/LongArrayList.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CheckReturnValue.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/DescriptorMessageInfoFactory.java
*
/protobuf-java-4-28-2-sources-jar/com/google/protobuf/RawMessageInfo.java
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Found in path(s):

```

* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/GeneratedMessageV3.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/SingleFieldBuilderV3.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RepeatedFieldBuilderV3.java

```

1.251 jackson-module-afterburner 2.17.2

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1.252 slf4j-nop 2.0.17

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1.253 dagger 2.4

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* /dagger-2-4-sources-2-jar/dagger/multibindings/IntoMap.java

* /dagger-2-4-sources-2-jar/dagger/internal/DoubleCheck.java

* /dagger-2-4-sources-2-jar/dagger/Reusable.java
* /dagger-2-4-sources-2-jar/dagger/internal/Preconditions.java
* /dagger-2-4-sources-2-jar/dagger/internal/ProviderOfLazy.java
*
/dagger-2-4-sources-2-jar/dagger/multibindings/package-info.java
* /dagger-2-4-sources-2-jar/dagger/multibindings/IntoSet.java
* /dagger-2-4-sources-2-jar/dagger/multibindings/ElementsIntoSet.java
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* /dagger-2-4-sources-2-jar/dagger/internal/Factory.java
* /dagger-2-4-sources-2-jar/dagger/MapKey.java

* /dagger-2-4-sources-2-jar/dagger/internal/MapFactory.java
* /dagger-2-4-sources-2-jar/dagger/internal/SingleCheck.java
* /dagger-2-4-sources-2-jar/dagger/internal/MapProviderFactory.java
* /dagger-2-4-sources-2-jar/dagger/internal/InstanceFactory.java
*

/dagger-2-4-sources-2-jar/dagger/internal/SetFactory.java
* /dagger-2-4-sources-2-jar/dagger/internal/Collections.java
* /dagger-2-4-sources-2-jar/dagger/Component.java
* /dagger-2-4-sources-2-jar/dagger/internal/DelegateFactory.java

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* /dagger-2-4-sources-2-jar/dagger/Multibindings.java
* /dagger-2-4-sources-2-jar/dagger/internal/Beta.java
* /dagger-2-4-sources-2-jar/dagger/multibindings/StringKey.java
* /dagger-2-4-sources-2-jar/dagger/package-info.java
* /dagger-2-4-sources-2-jar/dagger/Subcomponent.java
* /dagger-2-4-sources-2-jar/dagger/multibindings/ClassKey.java
*

/dagger-2-4-sources-2-jar/dagger/multibindings/IntKey.java
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1.254 hk2-utils 2.5.0

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1.255 netty-codec-dns 4.2.7.Final

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1.256 httpcomponents-client 4.5.13

1.256.1 Available under license :

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1.257 netty-transport-classes-epoll 4.2.7.Final

1.257.1 Available under license :

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<?xml version="1.0" encoding="UTF-8"?>

Found in path(s):

* /netty-transport-classes-epoll-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-transport-classes-epoll/pom.xml

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/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/META-INF/native-image/io.netty/netty-transport-classes-epoll/native-image.properties# Copyright 2023 The Netty Project

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/AbstractEpollChannel.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/AbstractEpollServerChannel.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/Epoll.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollChannelConfig.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollChannelOption.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollDatagramChannel.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollDatagramChannelConfig.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollDomainDatagramChannel.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollDomainDatagramChannelConfig.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollDomainSocketChannel.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollDomainSocketChannelConfig.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollEventArray.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollEventLoop.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollEventLoopGroup.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollIoEvent.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollIoHandle.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollIoHandler.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollIoOps.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollMode.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollRecvByteAllocatorHandle.java/*

/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/io/netty/channel/epoll/EpollRecvByteAllocatorStreamingHandle.java/*

```
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/EpollServerChannelConfig.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/EpollServerDomainSocketChannel.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/EpollServerSocketChannel.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/EpollServerSocketChannelConfig.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/EpollSocketChannel.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/EpollSocketChannelConfig.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/EpollTcpInfo.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/LinuxSocket.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/Native.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/NativeArrays.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/NativeDatagramPacketArray.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/NativeStaticallyReferencedJniMethods.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/SegmentedDatagramPacket.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/TcpMd5Util.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/VSockAddress.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-
jar/io/netty/channel/epoll/package-info.java/*
/opt/cola/permits/2689515097_1761642997.8402784/0/netty-transport-classes-epoll-4-2-7-final-sources-jar/module-
info.yml#
-----
```

Found in path(s):

*

1.258 truelicense-json 2.6.6

1.258.1 Available under license :

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Found in path(s):

* /truelicense-json-2-6-6-sources-jar/META-INF/maven/net.java.truelicense/truelicense-json/pom.xml

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Found in path(s):

* /truelicense-json-2-6-6-sources-jar/net/java/truelicense/json/codec/package-info.java

* /truelicense-json-2-6-6-sources-jar/net/java/truelicense/json/codec/JsonCodec.java

* /truelicense-json-2-6-6-sources-jar/net/java/truelicense/json/V2JsonLicenseManagementContext.java

No license file was found, but licenses were detected in source scan.

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*/

/**

* Provides life cycle management for Version-2-with-JSON (V2/JSON) format

* license keys.

* License keys are small binary objects which can be stored in a file, a

* preferences node, the heap or any custom implementation of the

* {@link net.java.truelicense.core.io.Store} interface.

* License keys pass the following life cycle phases:

*

* {@linkplain net.java.truelicense.core.LicenseVendorManager#create Creation},

* {@linkplain net.java.truelicense.core.LicenseConsumerManager#install installation},

* {@linkplain net.java.truelicense.core.LicenseConsumerManager#view viewing},

* {@linkplain net.java.truelicense.core.LicenseConsumerManager#verify verification} and

* {@linkplain net.java.truelicense.core.LicenseConsumerManager#uninstall uninstallation}

*

*

<p>

* ... as defined by the

* {@link net.java.truelicense.core.LicenseVendorManager} and the

* {@link net.java.truelicense.core.LicenseConsumerManager} interfaces.

* A Free Trial Period (FTP) is

* {@linkplain net.java.truelicense.core.LicenseConsumerContext#ftpManager configurable}

* with a license consumer manager in order to ease the conversion of prospects

* to customers.

* License consumer managers can also get

* {@linkplain net.java.truelicense.core.LicenseConsumerContext#chainedManager chained}

* in order to unlock application features based on the purchased license keys.

* <p>

* A license is an instance of the {@link net.java.truelicense.core.License} class.

* This class follows the Java Bean pattern and defines common properties for the licensing subject, issue date, issuer, holder, consumer type/amount, validity period and custom data.

* These properties get

* {@linkplain net.java.truelicense.core.LicenseInitialization#initialize initialized} and

*

* {@linkplain net.java.truelicense.core.LicenseValidation#validate validated}

* whenever a license key gets created.

* They also get validated whenever a license key gets installed or verified.

* <p>

* A license key gets created from an instance of the {@code License} class by applying the following function composition:

* <pre>

* {@code encrypt(compress(encode(sign(encode(validate(initialize(duplicate(license))))))))}

* </pre>

* <p>

* When installing or verifying a license key, a duplicate of the original {@code License} object gets derived by applying the following (almost inverse) function composition (note that there is no initialization and hence no duplication required):

* <pre>

* {@code validate(decode(authenticate(decode(decompress(decrypt(licenseKey))))))}

* </pre>

* <p>

* The validation step is skipped when a license key is just viewed.

* Encryption is done via JCA with a configurable password based encryption algorithm.

* Authentication is done via JCA with a configurable key store type and signature algorithm.

* Encoding is done with {@link java.beans.XMLEncoder} for simple, schema-less, yet resilient long term archival.

* <p>

* Applications use the

* {@link net.java.truelicense.json.V2JsonLicenseManagementContext} class as their starting point for configuring a license vendor or consumer manager.

* This class can get subclassed to customize special aspects, such as performing additional license validation steps, providing an authoritative clock et al.

* However, TrueLicense 2 has been designed so that typical applications don't need to subclass or implement any class or interface of its API.

* <p>

* For security, passwords are represented as an instance of the

* {@link net.java.truelicense.obfuscate.ObfuscatedString} class.

- * Other security critical string (algorithms, paths, etc.) are annotatable
- * with {@literal @} {@link net.java.truelicense.obfuscate.Obfuscate} and
- * processible with the TrueLicense
- Maven Plugin for simple, reliable
- * obfuscation of constant string values in the byte code for license
- * applications.
- * <p>
- * Warning:
- * To protect against reverse engineering and modification of your
- * application, it is strictly necessary to generally process all byte
- * code which is comprised in your deployment unit with a tool for byte code
- * obfuscation.
- * TrueLicense does not provide general byte code obfuscation because there
- * exist good quality third party tools, e.g. ProGuard.
- *
- * @author Christian Schlichtherle
- */

Found in path(s):

- * /truelicense-json-2-6-6-sources-jar/net/java/truelicense/json/package-info.java

1.259 alpine-baselayout 3.7.0-r0

1.259.1 Available under license :

```
# Automatically generated by apkbuild-cpan, template 1
# Contributor: Francesco Colista <francesco.colista@gmail.com>
# Maintainer: Francesco Colista <francesco.colista@gmail.com>
pkgname=perl-software-license
_pkgreal=Software-License
pkgver=0.103004
pkgrel=0
pkgdesc="packages that provide templated software licenses"
url="http://search.cpan.org/dist/Software-License/"
arch="noarch"
license="GPL PerlArtistic"
cpandepends="perl-text-template perl-data-section perl-sub-install"
cpanmakedepends=" "
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/${_pkgreal}-${pkgver}.tar.gz"

_buildddir="$srcdir/${_pkgreal}-${pkgver}"

prepare() {
    cd "$_buildddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
```

```

PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
    cd "$_builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
    make && make test
}

package() {
    cd "$_builddir"
    make
    DESTDIR="$pkgdir" install || return 1
    find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

md5sums="0c5fd53d93818566234578b27d667b35 Software-License-0.103004.tar.gz"
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=5
pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/"
arch="all"
license="LGPL"
depends=
makedepends=
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-$pkgver.tar.bz2"
"

_buildddir="$srcdir"/libart-lgpl-$pkgver

prepare() {
    cd "$_builddir"
    update_config_sub || return 1
}

build() {
    cd "$_builddir"
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr \
    || return 1
    make || return 1
}

package() {

```

```
cd "$_builddir"  
make DESTDIR="$pkgdir" install || return 1  
}
```

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"

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```
# Automatically generated by apkbuid-cpan, template 1
# Contributor: Valery Kartel <valery.kartel@gmail.com>
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pkgname=perl-bsd-resource
_pkgreal=BSD-Resource
pkgver=1.2909
pkgrel=2
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="http://search.cpan.org/dist/BSD-Resource/"
arch="all"
license="GPL PerlArtistic"
cpandepends=""
cpanmakedepends=" "
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/J/JH/JHI/$_pkgreal-$pkgver.tar.gz"
```

```
_builddir="$srcdir/${_pkgreal-$pkgver}"
```

```
prepare() {  
  cd "$_builddir"  
  export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`  
  PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor  
}
```

```
build() {  
  cd "$_builddir"  
  export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`  
  make && make test || return 1  
}
```

```
package() {  
  cd "$_builddir"  
  make DESTDIR="$pkgdir" install || return 1  
  find "$pkgdir"  
  \ ( -name perllocal.pod -o -name .packlist ) -delete  
}
```

```
md5sums="3c6dd2fa953088aa87e263f40818d012 BSD-Resource-1.2909.tar.gz"
```

```
sha256sums="c47d460e2bd00d8d049f6ff4a0f1f61957e289e8de45af5fc79e851e2e855e06 BSD-Resource-  
1.2909.tar.gz"
```

```
sha512sums="5f489eaac5089e82081b7cf51d62638750e443751b49415407354da96b17771819b5e6e85529faa41ddd  
85743363750157943c7f7700276cce2bd40a429fa430 BSD-Resource-1.2909.tar.gz"
```

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pkgname=py-flake8-copyright

_pkgname=flake8-copyright

pkgver=0.2.0

pkgrel=1

pkgdesc="Extension for flake8 which checks for copyrights"

url="https://github.com/savoirfairelinux/flake8-copyright"

arch="noarch"

license="MIT"

depends="flake8"

makedepends="python3-dev"

source="https://files.pythonhosted.org/packages/source/\${_pkgname:0:1}/\${_pkgname}/\${_pkgname}-\${pkgver}.tar.gz"

builddir="\$srcdir"/\$_pkgname-\$pkgver

build() {

cd "\$builddir"

python3 setup.py build || return 1

}

package() {

cd "\$builddir"

python3 setup.py install --prefix=/usr --root="\$pkgdir" || return 1

}

md5sums="c6348990c6d74933bf5d5f6a55a14bdf flake8-copyright-0.2.0.tar.gz"

sha256sums="aeef26eb4d5223c9cd5b101e68175fcef6d2b353bf36da688fdde62fccfe2b73 flake8-copyright-0.2.0.tar.gz"
sha512sums="bab1bfaeed3a525ac3c7da12b1f2ec338c204cc69b72d05cd39560e528faff5d586c3b1be9570f4a977a7e2417b586e543bfba12abce256b2023c8c4993eeb90
flake8-copyright-0.2.0.tar.gz"
mini_sendmail - accept email on behalf of real sendmail

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1.260 alpine-release 3.22.2-r0

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1.261 jackson-annotations 2.17.3

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Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

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1.263 j2objc-annotations 3.0.0

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Maven project to build and deploy J2ObjC annotations.

-->

Found in path(s):

* /j2objc-annotations-3-0-0-jar/META-INF/maven/com.google.j2objc/j2objc-annotations/pom.xml

1.264 guice-bridge 2.5.0

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Found in path(s):

* /guice-bridge-2-5-0-sources-1-jar/pom.xml

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- *
- * SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0
- */

Found in path(s):

- * /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/HK2ToGuiceTypeListenerImpl.java
- * /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/api/HK2Inject.java
- * /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/GuiceToHk2JITResolver.java
- *
- /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/api/GuiceBridge.java
- * /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/GuiceBridgeImpl.java
- * /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/GuiceServiceHk2Bean.java
- * /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/GuiceIntoHK2BridgeImpl.java
- * /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/GuiceScopeContext.java
- * /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/api/HK2IntoGuiceBridge.java
- * /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/api/GuiceIntoHK2Bridge.java
- * /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/api/GuiceScope.java

1.265 netty-codec-redis 4.2.7.Final

1.265.1 Available under license :

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```
<?xml version="1.0" encoding="UTF-8"?>
```

Found in path(s):

- * /netty-codec-redis-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-codec-redis/pom.xml

No license file was found, but licenses were detected in source scan.

- /opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-jar/io/netty/handler/codec/redis/AbstractStringRedisMessage.java/*
- /opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-jar/io/netty/handler/codec/redis/ArrayHeaderRedisMessage.java/*
- /opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-jar/io/netty/handler/codec/redis/ArrayRedisMessage.java/*
- /opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-jar/io/netty/handler/codec/redis/BulkStringHeaderRedisMessage.java/*
- /opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-jar/io/netty/handler/codec/redis/BulkStringRedisContent.java/*
- /opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-jar/io/netty/handler/codec/redis/DefaultBulkStringRedisContent.java/*
- /opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-

jar/io/netty/handler/codec/redis/DefaultLastBulkStringRedisContent.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/ErrorMessage.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/FixedRedisMessagePool.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/FullBulkStringRedisMessage.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/InlineCommandRedisMessage.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/IntegerRedisMessage.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/LastBulkStringRedisContent.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/RedisArrayAggregator.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/RedisBulkStringAggregator.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/RedisCodecException.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/RedisCodecUtil.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/RedisConstants.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/RedisDecoder.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/RedisEncoder.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/RedisMessage.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/RedisMessagePool.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/RedisMessageType.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/SimpleStringRedisMessage.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-
jar/io/netty/handler/codec/redis/package-info.java/*
/opt/cola/permits/2713070436_1765177745.1502922/0/netty-codec-redis-4-2-7-final-sources-jar/module-info.yml#

Found in
path(s):
*

1.266 netty-codec-http 4.2.7.Final

1.266.1 Available under license :

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```
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/META-INF/native-  
image/io.netty.netty-codec-http/native-image.properties# Copyright 2019 The Netty Project  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/ClientCookieEncoder.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/CombinedHttpHeaders.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/ComposedLastHttpContent.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/CompressionEncoderFactory.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/Cookie.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/CookieDecoder.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/CookieUtil.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/DefaultCookie.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/DefaultFullHttpRequest.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/DefaultFullHttpResponse.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/DefaultHttpContent.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/DefaultHttpHeaders.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/DefaultHttpHeadersFactory.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/DefaultHttpMessage.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/DefaultHttpRequest.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/DefaultHttpResponse.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/DefaultLastHttpContent.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/EmptyHttpHeaders.java/*  
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-  
jar/io/netty/handler/codec/http/FullHttpMessage.java/*
```

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/FullHttpRequest.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/FullHttpResponse.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpChunkedInput.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpClientCodec.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpClientUpgradeHandler.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpConstants.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpContent.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpContentCompressor.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpContentDecoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpContentDecompressor.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpContentEncoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpDecoderConfig.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpExpectationFailedEvent.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpHeaderDateFormat.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpHeaderNames.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpHeaderValidationUtil.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpHeaderValues.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpHeaders.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpHeadersEncoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpHeadersFactory.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpMessage.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpMessageDecoderResult.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpMessageUtil.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpMethod.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpObject.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpObjectAggregator.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpObjectDecoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpObjectEncoder.java/*
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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpScheme.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpServerCodec.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpServerExpectContinueHandler.java/*
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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpServerUpgradeHandler.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpStatusClass.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpUtil.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/HttpVersion.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/InvalidChunkExtensionException.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/InvalidChunkTerminationException.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/InvalidLineSeparatorException.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/LastHttpContent.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/QueryStringDecoder.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/QueryStringEncoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/ReadOnlyHttpHeaders.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/ServerCookieEncoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/TooLongHttpContentException.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/TooLongHttpHeaderException.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/TooLongHttpLineException.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/cookie/ClientCookieDecoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/cookie/ClientCookieEncoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/cookie/Cookie.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/cookie/CookieDecoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/cookie/CookieEncoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/cookie/CookieHeaderNames.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/cookie/CookieUtil.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/cookie/DefaultCookie.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/cookie/ServerCookieDecoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/cookie/ServerCookieEncoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/cookie/package-info.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/cors/CorsConfig.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/cors/CorsConfigBuilder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/cors/CorsHandler.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/cors/package-info.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractDiskHttpData.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractHttpData.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractMemoryHttpData.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractMixedHttpData.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/Attribute.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/CaseIgnoringComparator.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/DefaultHttpDataFactory.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/DeleteFileOnExitHook.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/DiskAttribute.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/DiskFileUpload.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/FileUpload.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/FileUploadUtil.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/HttpData.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/HttpDataFactory.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostBodyUtil.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostMultipartRequestDecoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostRequestDecoder.java/*
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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostStandardRequestDecoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/InterfaceHttpData.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/InterfaceHttpPostRequestDecoder.java/*
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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/MixedFileUpload.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/multipart/package-info.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/package-info.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/BinaryWebSocketFrame.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/CloseWebSocketFrame.java/*

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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/CorruptedWebSocketFrameException.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/PingWebSocketFrame.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/PongWebSocketFrame.java/*

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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/TextWebSocketFrame.java/*

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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameDecoder.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameEncoder.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket07FrameDecoder.java/*

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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameEncoder.java/*

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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket13FrameEncoder.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketChunkedInput.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshakeException.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker00.java/*

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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolConfig.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandler.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandshakeHandler.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketCloseStatus.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketDecoderConfig.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrame.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameAggregator.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameDecoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameEncoder.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameMaskGenerator.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketHandshakeException.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketProtocolHandler.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketScheme.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshakeException.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker00.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker07.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker08.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker13.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshakerFactory.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolConfig.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandler.java/*
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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionFilter.java/*
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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionUtil.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtension.java/*
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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateEncoder.java/*
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ava/*
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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyDataFrame.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyGoAwayFrame.java/*
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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyWindowUpdateFrame.java/*
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/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/spdy/SpdyUnknownFrame.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/spdy/SpdyVersion.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/spdy/SpdyWindowUpdateFrame.java/*

/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/io/netty/handler/codec/spdy/package-info.java/*
/opt/cola/permits/2713103217_1765177667.7386348/0/netty-codec-http-4-2-7-final-sources-jar/module-info.yml#

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* /netty-codec-http-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-codec-http/pom.xml

1.267 netty-transport-rxtx 4.2.7.Final

1.267.1 Available under license :

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/opt/cola/permits/2713149396_1765178105.7854886/0/netty-transport-rxtx-4-2-7-final-sources-jar/io/netty/channel/rxtx/DefaultRxtxChannelConfig.java/*
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* /netty-transport-rxtx-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-transport-rxtx/pom.xml

1.268 guava 32.0.1-jre

1.268.1 Available under license :

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/*****

- *
- * This file is based on code from bdf.c,v 1.22 2000/03/16 20:08:50
- *
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- */

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Mesa 3-D Graphics Library v21.0.3

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Main Mesa code	src/mesa/	MIT
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Ext headers	GL/gltext.h	Khronos
	GL/gltext.h	Khronos
	GL/wglext.h	Khronos
	KHR/khrplatform.h	Khronos

include/GL/gl.h :

Mesa 3-D
graphics library

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```
include/GL/glext.h
include/GL/glxt.h
include/GL/wglxt.h :
```

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include/KHR/khrplatform.h :
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Bert Belder: wepoll v 1.5.8

wepoll License

...

wepoll - epoll for Windows

<https://github.com/piscisaureus/wepoll>

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1.270 jakarta-annotation-api 1.3.5

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1.271 joda-time 2.9.1

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1.272 mysql-client 11.4.8-r0

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treats it as such.

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Source: <http://packages.groonga.org/source/groonga-normalizer-mysql/>

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```
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```
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```

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<signature of Ty Coon>, 1 April 1989
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#define CONTRIBUTORS_INCLUDED
```

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```
/* Structure of the name list */
```

```
struct show_table_contributors_st {
    const char *name;
    const char *location;
    const char *comment;
};
```

/*

Output from "SHOW CONTRIBUTORS"

Get permission before editing.

Names should be encoded using UTF-8.

See also <https://mariadb.com/kb/en/log-of-mariadb-contributions/>

*/

```
struct show_table_contributors_st show_table_contributors[]= {
/* MariaDB Foundation sponsors, alphabetical by tier */
{"Amazon", "https://www.amazon.com/", "Diamond Sponsor of the MariaDB Foundation"},
{"Acronis", "https://www.acronis.com/", "Platinum Sponsor of the MariaDB Foundation"},
{"Alibaba Cloud", "https://www.alibabacloud.com/", "Platinum Sponsor of the MariaDB Foundation"},
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```

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};

```

```

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Upstream-Contact: Andrew Hutchings <linuxjedi@mariadb.com>
Maintainer: Andrew Hutchings <linuxjedi@mariadb.com>
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1.273 javassist 3.25.0-GA

1.273.1 Available under license :

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```
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 */
```

Found in path(s):

```
* /javassist-3-25-0-ga-sources-3-jar/javassist/tools/web/Viewer.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/CtPrimitiveType.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/MethodInfo.java
*
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/AccessorMaker.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/Lex.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Executor.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/ByteArrayClassPath.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Symbol.java
```

- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Pair.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/LocalVariableTypeAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/MultiArrayType.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/JvstTypeChecker.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/CondExpr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformReadField.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/DefineClassHelper.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/AppletServer.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/expr/MethodCall.java
- *
- /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/stackmap/MapMaker.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/StackMapTable.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/Loader.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Visitor.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/ProxyObjectOutputStream.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/Javac.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CodeConverter.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ByteArray.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/Translator.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/ClassMetaobject.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/AccessFlag.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/ASTree.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/StackMap.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/DeprecatedAttribute.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/CodeAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ClassFilePrinter.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/Sample.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/AssignExpr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/ClassClassPath.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/Bytecode.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/MethodHandler.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/expr/Expr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ConstPool.java
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- /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/ProxyFactory.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/MethodDecl.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/InnerClassesAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/TokenId.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/MemberResolver.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtClassType.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Declarator.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/NoSuchClassError.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtNewMethod.java

- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtNewConstructor.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/ControlFlow.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/RemoteRef.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/Proxy.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/LoaderClassPath.java
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- /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/StringL.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/Descriptor.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Metaobject.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/CodeGen.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/ArrayInit.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Frame.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/FieldInfo.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/AnnotationImpl.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtNewClass.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/ProxyObject.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/SubroutineScanner.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ParameterAnnotationsAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/runtime/DotClass.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformAccessArrayField.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/AttributeInfo.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/DefinePackageHelper.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Expr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ClassFile.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/Modifier.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/AnnotationsWriter.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/SyntaxError.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/framedump.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ByteStream.java

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- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/web/BadHttpRequest.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/RemoteException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/stackmap/BasicBlock.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformCall.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/Callback.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/CannotCreateException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/JvstCodeGen.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformBefore.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/NestHostAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/ScopedClassPool.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/ClassPath.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/HotSwapper.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/TypeChecker.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtMethod.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ClassFileWriter.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/HotSwapAgent.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/Parser.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/expr/NewArray.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/IntConst.java
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- /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Reflection.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/MemberCodeGen.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/ObjectImporter.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/ScopedClassPoolRepository.java

- * /javassist-3-25-0-ga-sources-3-jar/javassist/convert/Transformer.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/expr/Cast.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ConstantAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformWriteField.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtBehavior.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/MultiType.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/stackmap/Tracer.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Member.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/expr/NewExpr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/runtime/Desc.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtNewWrappedConstructor.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/FactoryHelper.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/NewExpr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtConstructor.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/ObjectNotFoundException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/Mnemonic.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/CastExpr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/EnclosingMethodAttribute.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/FramePrinter.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/StubGenerator.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/DoubleConst.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/CodeAnalyzer.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/BinExpr.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/Proxy.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Type.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/NestMembersAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/InstructionPrinter.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/LocalVariableAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/CannotReflectException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/CallExpr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Compiler.java

```

* /javassist-3-25-0-ga-sources-3-jar/javassist/tools/Dump.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/CodeIterator.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/expr/Instanceof.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/AnnotationDefaultAttribute.java
*
/javassist-3-25-0-ga-sources-3-jar/javassist/runtime/Inner.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/ScopedClassPoolFactory.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/Opcode.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Loader.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/expr/Handler.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/CtClass.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/InstanceOfExpr.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/SerialVersionUID.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/expr/FieldAccess.java
No license file was found, but licenses were detected in source scan.

```

```

/*
* Javassist, a Java-bytecode translator toolkit.
* Copyright (C) 2004 Bill Burke. All Rights Reserved.
*
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*/

```

Found in path(s):

```

* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/MemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/ByteMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/EnumMemberValue.java
*
/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/ClassMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/AnnotationMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/IntegerMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/StringMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/LongMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/FloatMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/MemberValueVisitor.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/CharMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/BooleanMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/ShortMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/Annotation.java

```


*

/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/ArrayMemberValue.java

* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/DoubleMemberValue.java

1.274 open-csv 5.11.2

1.274.1 Available under license :

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/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-

jar/convertLanguageToBoolean_de.properties# Copyright 2017 Andrew Rucker Jones.

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/opencsv.properties# Copyright 2017 Andrew Rucker Jones.

Found in path(s):

* input.not.boolean=Input was not a boolean value.

No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/CSVParser.javapackage com.opencsv;

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/CSVParserBuilder.java/*

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/CSVParserWriter.javapackage com.opencsv;

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/CSVReader.javapackage com.opencsv;

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/CSVReaderBuilder.java/*

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/CSVWriter.javapackage com.opencsv;

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/ResultSetColumnNameHelperService.javapackage com.opencsv;

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/ResultSetHelper.javapackage com.opencsv;

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/ResultSetHelperService.javapackage com.opencsv;

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/AbstractBeanField.java/*

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/AbstractCsvConverter.java/*

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/AbstractFieldMap.java/*

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/AbstractFieldMapEntry.java/*

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/AbstractMappingStrategy.java/*

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/BeanFieldJoin.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/BeanFieldJoinIntegerIndex.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/BeanFieldJoinStringIndex.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/BeanFieldSingleValue.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/BeanFieldSplit.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/ComplexFieldMapEntry.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/ConverterDate.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/ConverterNumber.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/ConverterPrimitiveTypes.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/CsvBindAndJoinByName.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/CsvBindAndJoinByPosition.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/CsvBindAndSplitByName.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/CsvBindAndSplitByPosition.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/CsvBindByName.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/CsvBindByPosition.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/CsvConverter.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/CsvCustomBindByName.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/CsvCustomBindByPosition.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/CsvDate.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/CsvNumber.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/CsvToBean.javapackage
com.opencsv.bean;
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/CsvToBeanBuilder.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/CsvToBeanFilter.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-

```

jar/com/opencsv/bean/FieldMap.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/FieldMapByName.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/FieldMapByNameEntry.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/FieldMapByPosition.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/FieldMapByPositionEntry.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/HeaderColumnNameMappingStrategy.javapackage
com.opencsv.bean;
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/HeaderColumnNameTranslateMappingStrategy.javapackage com.opencsv.bean;
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/HeaderIndex.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/MappingStrategy.javapackage com.opencsv.bean;
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/RegexToBeanField.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/StatefulBeanToCsv.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/StatefulBeanToCsvBuilder.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/comparator/LiteralComparator.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/comparator/package-info.java/**
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/concurrent/AccumulateCsvResults.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/concurrent/IntolerantThreadPoolExecutor.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/concurrent/ProcessCsvBean.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/concurrent/ProcessCsvLine.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/concurrent/package-info.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/customconverter/ConvertGermanToBoolean.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/customconverter/package-info.java/**
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/package-
info.java/**
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/util/OpencsvUtils.java/*
/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-
jar/com/opencsv/bean/util/OrderedObject.java/*

```

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/enums/package-info.java/**
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/exceptions/CsvBadConverterException.java/*
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/exceptions/CsvBeanIntrospectionException.java/*
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/exceptions/CsvConstraintViolationException.java/*
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/exceptions/CsvDataTypeMismatchException.java/*
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/exceptions/CsvException.java/*
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/exceptions/CsvMalformedLineException.java/*
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/exceptions/CsvMultilineLimitBrokenException.java/*
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/exceptions/CsvRequiredFieldEmptyException.java/*
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/exceptions/CsvRuntimeException.java/*
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/exceptions/package-info.java/**
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/package-info.java/**
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/stream/reader/package-info.java/**
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/convertLanguageToBoolean.properties#
 Copyright 2017 Andrew Rucker Jones.
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/opencsv_de.properties#
 Copyright 2017 Andrew Rucker Jones.
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/opencsv_en.properties#
 Copyright 2017 Andrew Rucker Jones.
 /opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/opencsv_pt_BR.properties#
 Copyright 2018 Andre Levandovski Rosot.

Found in path(s):

*

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<project xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://maven.apache.org/POM/4.0.0"

Found in path(s):

* /opencsv-5-11-2-sources-jar/META-INF/maven/com.opencsv/opencsv/pom.xml

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/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-

jar/com/opencsv/bean/PositionToBeanField.java/*

Found in path(s):

* }

No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/convertLanguageToBoolean_en.properties# Copyright 2017 Andrew Rucker Jones.

Found in path(s):

* input.not.boolean=Die Eingabe war kein boolischer Wert.

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/opt/cola/permits/2536990002_1758691307.254758/0/opencsv-5-11-2-sources-jar/com/opencsv/bean/customconverter/ConvertFrenchToBoolean.java/*

Found in path(s):

* package com.opencsv.bean.concurrent;

1.275 gson 2.11.0

1.275.1 Available under license :

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*/

Found in path(s):

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/util/ISO8601Utils.java

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*/

Found in path(s):

* /gson-2-11-0-sources-1-jar/com/google/gson/stream/JsonScope.java
* /gson-2-11-0-sources-1-jar/com/google/gson/stream/MalformedJsonException.java
* /gson-2-11-0-sources-1-jar/com/google/gson/stream/JsonReader.java
* /gson-2-11-0-sources-1-jar/com/google/gson/stream/JsonToken.java
* /gson-2-11-0-sources-1-jar/com/google/gson/stream/JsonWriter.java
No license file was found, but licenses were detected in source scan.

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*/

Found in path(s):

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/reflect/ReflectionHelper.java
* /gson-2-11-0-sources-1-jar/com/google/gson/ToNumberPolicy.java
* /gson-2-11-0-sources-1-jar/com/google/gson/ToNumberStrategy.java
* /gson-2-11-0-sources-1-jar/com/google/gson/stream/package-info.java
No license file was found, but licenses were detected in source scan.

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-->

Found in path(s):

* /gson-2-11-0-sources-1-jar/META-INF/maven/com.google.code.gson/gson/pom.xml

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Found in path(s):

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/ArrayTypeAdapter.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/JsonReaderInternalAccess.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/MapTypeAdapterFactory.java

*

/gson-2-11-0-sources-1-jar/com/google/gson/TypeAdapterFactory.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/CollectionTypeAdapterFactory.java

* /gson-2-11-0-sources-1-jar/com/google/gson/TypeAdapter.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/ObjectTypeAdapter.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/TypeAdapters.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/JsonTreeWriter.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/JsonTreeReader.java

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```
/*
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```
* /gson-2-11-0-sources-1-jar/com/google/gson/ReflectionAccessFilter.java
* /gson-2-11-0-sources-1-jar/com/google/gson/FormattingStyle.java
* /gson-2-11-0-sources-1-jar/com/google/gson/internal/ReflectionAccessFilterHelper.java
* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/SerializationDelegatingTypeAdapter.java
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* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/JsonAdapterAnnotationTypeAdapterFactory.java
* /gson-2-11-0-sources-1-jar/com/google/gson/annotations/JsonAdapter.java
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* /gson-2-11-0-sources-1-jar/com/google/gson/internal/PreJava9DateFormatProvider.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/JavaVersion.java

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* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/NumberTypeAdapter.java
* /gson-2-11-0-sources-1-jar/com/google/gson/internal/sql/SqlTimestampTypeAdapter.java
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- * /gson-2-11-0-sources-1-jar/module-info.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/internal/NonNullElementWrapperList.java

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- * /gson-2-11-0-sources-1-jar/com/google/gson/internal/LazilyParsedNumber.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/internal/package-info.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/internal/sql/SqlDateTypeAdapter.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/internal/ConstructorConstructor.java

*
/gson-2-11-0-sources-1-jar/com/google/gson/internal/UnsafeAllocator.java
* /gson-2-11-0-sources-1-jar/com/google/gson/internal/sql/SqlTimeTypeAdapter.java

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- * /gson-2-11-0-sources-1-jar/com/google/gson/JsonParser.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/JsonStreamParser.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/FieldAttributes.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/LongSerializationPolicy.java

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- * /gson-2-11-0-sources-1-jar/com/google/gson/annotations/Until.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/DefaultDateTypeAdapter.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/JsonDeserializer.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/annotations/Since.java

*

/gson-2-11-0-sources-1-jar/com/google/gson/JsonDeserializationContext.java

* /gson-2-11-0-sources-1-jar/com/google/gson/JsonParseException.java

* /gson-2-11-0-sources-1-jar/com/google/gson/annotations/Expose.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/\$Gson\$Types.java

* /gson-2-11-0-sources-1-jar/com/google/gson/reflect/package-info.java

* /gson-2-11-0-sources-1-jar/com/google/gson/Gson.java

* /gson-2-11-0-sources-1-jar/com/google/gson/JsonObject.java

* /gson-2-11-0-sources-1-jar/com/google/gson/JsonSerializationContext.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/Excluder.java

* /gson-2-11-0-sources-1-jar/com/google/gson/JsonPrimitive.java

* /gson-2-11-0-sources-1-jar/com/google/gson/JsonNull.java

* /gson-2-11-0-sources-1-jar/com/google/gson/FieldNamingPolicy.java

* /gson-2-11-0-sources-1-jar/com/google/gson/JsonElement.java

* /gson-2-11-0-sources-1-jar/com/google/gson/JsonSerializer.java

* /gson-2-11-0-sources-1-jar/com/google/gson/annotations/SerializedName.java

*

/gson-2-11-0-sources-1-jar/com/google/gson/package-info.java

* /gson-2-11-0-sources-1-jar/com/google/gson/InstanceCreator.java

* /gson-2-11-0-sources-1-jar/com/google/gson/ExclusionStrategy.java
* /gson-2-11-0-sources-1-jar/com/google/gson/internal/ObjectConstructor.java
* /gson-2-11-0-sources-1-jar/com/google/gson/JsonIOException.java
* /gson-2-11-0-sources-1-jar/com/google/gson/FieldNamingStrategy.java
* /gson-2-11-0-sources-1-jar/com/google/gson/internal/\$Gson\$Preconditions.java
* /gson-2-11-0-sources-1-jar/com/google/gson/JsonArray.java
* /gson-2-11-0-sources-1-jar/com/google/gson/internal/Primitives.java
* /gson-2-11-0-sources-1-jar/com/google/gson/reflect/TypeToken.java
* /gson-2-11-0-sources-1-jar/com/google/gson/GsonBuilder.java
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* /gson-2-11-0-sources-1-jar/com/google/gson/JsonSyntaxException.java

1.276 aop-alliance 2.5.0

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1.279 swagger 2.0.8

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1.282 libapk2 2.14.9-r3

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1.285 jetty-client 12.0.13

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```
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/Authentication.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/ByteBufferRequestContent.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/ProxyConfiguration.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/HttpClientTransportDynamic.java
* /jetty-client-12-0-13-sources-1-jar/module-info.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/Request.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/MultiplexConnectionPool.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/ProcessingProtocolHandler.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/SendFailure.java
*
/jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/ProtocolHandler.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/AbstractConnectionPool.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/Socks5Proxy.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/StringRequestContent.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/UpgradeProtocolHandler.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/FutureResponseListener.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/EarlyHintsProtocolHandler.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/BufferingResponseListener.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/HttpRedirector.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/Response.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/OutputStreamRequestContent.java
*
/jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/FormRequestContent.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/internal/HttpAuthenticationStore.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/PathRequestContent.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/HttpConnection.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/RequestListeners.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/HttpReceiver.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/InputStreamResponseListener.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/HttpClient.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/AbstractHttpClientTransport.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/HttpClientTransportOverHTTP.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/ProtocolHandlers.java
*
/jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/ProxyAuthenticationProtocolHandler.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/DigestAuthentication.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/GZIPContentDecoder.java
```

- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/internal/HttpContentResponse.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/RedirectProtocolHandler.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/AbstractConnectorHttpClientTransport.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/Connection.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/HttpRequestException.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/AuthenticationProtocolHandler.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/HttpDestination.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/HttpUpgrader.java
- *
- /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/ValidatingConnectionPool.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/AbstractAuthentication.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/IConnection.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/internal/ProtocolHttpUpgrader.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/ResponseListeners.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/HttpChannel.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/CompletableResponseListener.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/BasicAuthentication.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/internal/HttpConnectionOverHTTP.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/DuplexConnectionPool.java
- *
- /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/internal/HttpReceiverOverHTTP.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/RoundRobinConnectionPool.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/AsyncRequestContent.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/WWWAuthenticationProtocolHandler.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/ContentDecoder.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/AuthenticationStore.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/HttpClientTransport.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/BytesRequestContent.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/HttpClientConnectionFactory.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/ProxyProtocolClientConnectionFactory.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/HttpResponseException.java
- *
- /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/Destination.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/ContentResponse.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/Origin.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/internal/NotifyingRequestListeners.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/Socks4Proxy.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/HttpRequest.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/ContentSourceRequestContent.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/HttpSender.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/internal/HttpChannelOverHTTP.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/Socks5.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/Result.java
- *
- /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/HttpExchange.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/jmx/HttpClientMBean.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/HttpProxy.java
- * /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/InputStreamRequestContent.java

```

* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/internal/HttpSenderOverHTTP.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/internal/TunnelRequest.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/ConnectionPool.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/SPNEGOAuthentication.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/ContinueProtocolHandler.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/HttpConversation.java
* /jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/transport/HttpResponse.java
*
/jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/MultiPartRequestContent.java
/jetty-client-12-0-13-sources-1-jar/org/eclipse/jetty/client/RandomConnectionPool.java

```

1.286 jedis 2.9.0

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```

* /jedis-2-9-0-sources-jar/redis/clients/util/RedisInputStream.java

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Found in path(s):

```

* /jedis-2-9-0-sources-jar/redis/clients/util/MurmurHash.java

```

1.287 guice-throwingproviders 4.2.2

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1.288 javax-ws-rs-api 2.0.1

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1.290 jersey-hk2 2.35

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1.291 commons-configuration 1.10

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1.292 jackson-annotations 2.18.3

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

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1.293 netty-resolver-dns-native-macos

4.2.7.Final

1.293.1 Available under license :

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/opt/cola/permits/2689515123_1761642954.116956/0/netty-resolver-dns-native-macos-4-2-7-final-sources-jar/netty_resolver_dns_macos.c/*

Found in path(s):

* #endif /* __DNSINFO_H__ */

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<?xml version="1.0" encoding="UTF-8"?>

Found in path(s):

* /netty-resolver-dns-native-macos-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-resolver-dns-native-

macos/pom.xml

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/opt/cola/permits/2689515123_1761642954.116956/0/netty-resolver-dns-native-macos-4-2-7-final-sources-jar/dnsinfo.h/*

Found in path(s):

*

1.294 zookeeper 3.9.4

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/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-jar/org/apache/zookeeper/server/persistence/FilePadding.java/*

Found in path(s):

* </html>

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<?xml version="1.0" encoding="UTF-8"?>

Found in path(s):

* /zookeeper-3-9-4-sources-jar/META-INF/maven/org.apache.zookeeper/zookeeper/pom.xml

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/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-jar/org/apache/zookeeper/AddWatchMode.java/*

/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-jar/org/apache/zookeeper/AsyncCallback.java/*

/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-jar/org/apache/zookeeper/ClientCnxn.java/*

/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-jar/org/apache/zookeeper/ClientCnxnSocket.java/*

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jar/org/apache/zookeeper/StatsTrack.java/*
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/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/Transaction.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/Version.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/WatchDeregistration.java/*
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jar/org/apache/zookeeper/WatchedEvent.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/Watcher.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/ZKUtil.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/ZKWatchManager.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-

jar/org/apache/zookeeper/ZooDefs.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/ZooKeeper.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/ZooKeeperMain.java/*
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jar/org/apache/zookeeper/server/quorum/ObserverRequestProcessor.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/ObserverZooKeeperServer.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/PrependableSocket.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/ProposalRequestProcessor.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/QuorumBean.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/QuorumCnxManager.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
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/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-

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/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/QuorumPeerConfig.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/QuorumPeerMain.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/QuorumStats.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/QuorumZooKeeperServer.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
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/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/ReadOnlyRequestProcessor.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/ReadOnlyZooKeeperServer.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
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/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/RemotePeerMXBean.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/SendAckRequestProcessor.java/*
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jar/org/apache/zookeeper/server/quorum/ServerMXBean.java/*
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jar/org/apache/zookeeper/server/quorum/StateSummary.java/*
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jar/org/apache/zookeeper/server/quorum/SyncThrottleException.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/SyncedLearnerTracker.java/*
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jar/org/apache/zookeeper/server/quorum/UpgradeableSessionTracker.java/*
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/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/auth/NullQuorumAuthLearner.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/auth/NullQuorumAuthServer.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/auth/QuorumAuth.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
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/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
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/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-

jar/org/apache/zookeeper/server/quorum/auth/SaslQuorumAuthLearner.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/auth/SaslQuorumAuthServer.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/auth/SaslQuorumServerCallbackHandler.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
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/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/flexible/QuorumMaj.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/flexible/QuorumOracleMaj.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
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jar/org/apache/zookeeper/server/util/CircularBuffer.java/**
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/util/ConfigUtils.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/util/JvmPauseMonitor.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/util/KerberosUtil.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/util/LogChopper.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/util/MessageTracker.java/**
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/util/OSMXBean.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/util/QuotaMetricsUtils.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/util/RateLimiter.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/util/RequestPathMetricsCollector.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/util/SerializeUtils.java/*
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jar/org/apache/zookeeper/server/util/VerifyingFileFactory.java/*
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jar/org/apache/zookeeper/server/util/ZxidUtils.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-

jar/org/apache/zookeeper/server/watch/IDeadWatcherListener.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/watch/IWatchManager.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/watch/PathParentIterator.java/**
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/watch/WatchManagerFactory.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/watch/WatchManagerOptimized.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/watch/WatchStats.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/watch/WatcherCleaner.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/watch/WatcherMode.java/**
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/watch/WatcherOrBitSet.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/watch/WatchesPathReport.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/watch/WatchesReport.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/watch/WatchesSummary.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/util/CircularBlockingQueue.java/**
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/util/PemReader.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/util/SecurityUtils.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/util/ServiceUtils.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/version/Info.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/version/VersionInfoMain.java/*

Found

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*

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/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/audit/Slf4jAuditLogger.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/quorum/Observer.java/*
/opt/cola/permits/2616834065_1760443257.5706446/0/zookeeper-3-9-4-sources-
jar/org/apache/zookeeper/server/watch/WatchManager.java/*

Found in path(s):

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1.295 guice-persist 4.2.2

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1.296 musl-utils 1.2.5-r10

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1.297 jetty-xml 9.4.57.v20241219

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

- * javax.annotation:javax.annotation-api
- * javax.transaction:javax.transaction-api
- * javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.298 netty-resolver 4.2.7.Final

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<?xml version="1.0" encoding="UTF-8"?>

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* /netty-resolver-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-resolver/pom.xml

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/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-jar/io/netty/resolver/AbstractAddressResolver.java/*

/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-jar/io/netty/resolver/AddressResolver.java/*

```
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/AddressResolverGroup.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/CompositeNameResolver.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/DefaultAddressResolverGroup.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/DefaultNameResolver.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/HostsFileEntries.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/HostsFileEntriesProvider.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/HostsFileEntriesResolver.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/HostsFileParser.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/InetNameResolver.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/InetSocketAddressResolver.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/NameResolver.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/NoopAddressResolver.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/NoopAddressResolverGroup.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/ResolvedAddressTypes.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/RoundRobinInetAddressResolver.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/SimpleNameResolver.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-  
jar/io/netty/resolver/package-info.java/*  
/opt/cola/permits/2715148351_1765177937.852091/0/netty-resolver-4-2-7-final-sources-jar/module-info.yml#  
-----
```

Found in path(s):

*

1.299 jcodings 1.0.58

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* /jcodings-1-0-58-1-jar/META-INF/maven/org.jruby.jcodings/jcodings/pom.xml

1.300 opentelemetry-exporter-otlp 1.29.0

1.300.1 Available under license :

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1.301 jersey-server 2.41

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Found in path(s):

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/MarkerFactory.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/MessageFormatter.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/impl/StaticMDCBinder.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/LoggerFactory.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/impl/StaticMarkerBinder.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/spi/MDCAdapter.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/NamedLoggerBase.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/SubstituteLogger.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/impl/StaticLoggerBinder.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/MDC.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/FormattingTuple.java

*

/slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/MarkerIgnoringBase.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/spi/MarkerFactoryBinder.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/BasicMarkerFactory.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/SubstituteLoggerFactory.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/spi/LoggerFactoryBinder.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/NOPLoggerFactory.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/Util.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/BasicMarker.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/BasicMDCAdapter.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/IMarkerFactory.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/Marker.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/spi/LocationAwareLogger.java
* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/Logger.java
* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/NOPMDCAdapter.java
*
/slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/NOPLoader.java
* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/ILoggerFactory.java

1.303 libgcc 14.2.0-r6

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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```
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   adapted to BSD conventions for symbol names and debugging.)
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```

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```
/* Use the Sequent Symmetry assembler syntax. */
```

```
/* Define the syntax of pseudo-ops, labels and comments. */
```

```
/* Prefix for internally generated assembler
   labels. If we aren't using
   underscores, we are using prefix `.'s to identify labels that should
   be ignored, as in `i386/gas.h' --karl@cs.umb.edu */
```

```
#define LPREFIX "L"
```

```
/* Assembler pseudos to introduce constants of various size. */
```

```

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for debugger output. -- RMS
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line
that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE,SIZE) \
fprintf (FILE, "\t.space " HOST_WIDE_INT_PRINT_UNSIGNED"\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line
to define a global common symbol. */

#define
ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED) \
( fputs (".comm ", (FILE)), \
assemble_name ((FILE), (NAME)), \
fprintf ((FILE), "%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line
to define a local common symbol. */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED) \
( fputs (".lcomm ", (FILE)), \
assemble_name ((FILE), (NAME)), \
fprintf ((FILE), "%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT) \
( fputs (".lcomm ", (FILE)), \
assemble_name ((FILE), (NAME)), \
fprintf ((FILE), "%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line
that says to advance the location counter
to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE,LOG) \

```

```
if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))
```

```
/* This is how to store into the string BUF  
the symbol_ref name of an internal numbered  
label where  
PREFIX is the class of label and NUM is the number within the class.  
This is suitable for output with `assemble_name'. */
```

```
#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER) \  
    sprintf ((BUF), "%s%d", (PREFIX), (long)(NUMBER))
```

```
/* The prefix to add to user-visible assembler symbols. */
```

```
#define USER_LABEL_PREFIX "_"
```

```
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```

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Foundation, Inc., 51 Franklin Street - Fifth Floor, Boston, MA
02110-1301, USA. */

```
#ifndef __VTV_H__  
#define __VTV_H__
```

```
/* We could have used an enumeration here but it just makes it more  
difficult for the compiler to generate a call to this. These are
```

```

used as arguments to the function __VLTChangePermission, declared
below. */
#define __VLTP_READ_ONLY 0
#define __VLTP_READ_WRITE 1

#ifdef __cplusplus
extern "C" void __VLTChangePermission (int);
#else
extern void __VLTChangePermission (int);
#endif

#ifdef BIG_PAGE_SIZE
/* TODO - Replace '4096' below with correct big page size. */
#define VTV_PAGE_SIZE 4096
#else
#if defined(__sun__) && defined(__svr4__) && defined(__sparc__)
#define VTV_PAGE_SIZE 8192
#elif defined(__loongarch_lp64)
/* The page size is configurable by the kernel to
be 4, 16 or 64 KiB.
For now, only the default page size of 16KiB is supported. */
#define VTV_PAGE_SIZE 16384
#else
#define VTV_PAGE_SIZE 4096
#endif
#endif

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```

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Version 3, 29 June 2007

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Version 3.1, 31 March 2009

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Developed by:

LLVM Team

University of Illinois at Urbana-Champaign

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-----	-----
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1.304 kafka-schema-registry-client 6.2.1

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```
<project xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="http://maven.apache.org/POM/4.0.0"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">

  <modelVersion>4.0.0</modelVersion>

  <parent>
    <groupId>io.confluent</groupId>
    <artifactId>kafka-schema-registry-parent</artifactId>
    <version>6.2.1</version>
  </parent>

  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>

  <artifactId>kafka-schema-registry-client</artifactId>
  <packaging>jar</packaging>
  <name>kafka-schema-registry-client</name>
```

```

<dependencies>
  <dependency>
    <groupId>org.apache.kafka</groupId>
    <artifactId>kafka-clients</artifactId>
  </dependency>
  <dependency>
    <groupId>org.apache.avro</groupId>
    <artifactId>avro</artifactId>
  </dependency>
  <dependency>
    <groupId>org.apache.commons</groupId>
    <artifactId>commons-compress</artifactId>
  </dependency>
  <dependency>
    <groupId>com.fasterxml.jackson.core</groupId>
    <artifactId>jackson-databind</artifactId>
  </dependency>
  <dependency>
    <groupId>jakarta.ws.rs</groupId>
    <artifactId>jakarta.ws.rs-api</artifactId>
  </dependency>
  <dependency>
    <groupId>org.glassfish.jersey.core</groupId>
    <artifactId>jersey-common</artifactId>
    <version>${jersey.version}</version>
  </dependency>
  <dependency>
    <groupId>org.easymock</groupId>
    <artifactId>easymock</artifactId>
    <scope>test</scope>
  </dependency>
  <dependency>
    <groupId>org.powermock</groupId>
    <artifactId>powermock-module-junit4</artifactId>
    <scope>test</scope>
  </dependency>
  <dependency>
    <groupId>org.powermock</groupId>
    <artifactId>powermock-api-easymock</artifactId>
    <scope>test</scope>
  </dependency>
  <dependency>
    <groupId>junit</groupId>
    <artifactId>junit</artifactId>
    <scope>test</scope>
  </dependency>
</dependencies>

```



```

        <groupId>io.swagger</groupId>
        <artifactId>swagger-annotations</artifactId>
    </dependency>
    <dependency>
        <groupId>io.swagger</groupId>
        <artifactId>swagger-core</artifactId>
        <version>1.6.2</version>
        <exclusions>
            <exclusion>
                <groupId>javax.validation</groupId>
                <artifactId>validation-api</artifactId>
            </exclusion>
            <exclusion>

                <groupId>com.google.guava</groupId>
                <artifactId>guava</artifactId>
            </exclusion>
        </exclusions>
    </dependency>
    <dependency>
        <groupId>com.google.guava</groupId>
        <artifactId>guava</artifactId>
        <version>${guava.version}</version>
    </dependency>
</dependencies>
</project>

```

Found in path(s):

- * /kafka-schema-registry-client-6-2-1-jar/META-INF/maven/io.confluent/kafka-schema-registry-client/pom.xml

1.305 j2objc-annotations 2.8

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```

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Found in path(s):

* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/Weak.java
* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/AutoreleasePool.java
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Found in path(s):

* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/ReflectionSupport.java
* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/J2ObjCIncompatible.java
* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/RetainedWith.java
* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/WeakOuter.java
*
* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/ObjectiveCName.java
* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/Property.java
* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/LoopTranslation.java
* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/OnDealloc.java
* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/RetainedLocalRef.java

1.306 mvel2 2.5.2.Final

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Found in path(s):

```
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Frame.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Opcodes.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Label.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ClassVisitor.java
*
/mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ClassReader.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/CurrentFrame.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/AnnotationVisitor.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/RecordComponentWriter.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ByteVector.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Context.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Handler.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/AnnotationWriter.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Edge.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ConstantDynamic.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Attribute.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Type.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Handle.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Constants.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ModuleWriter.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/MethodWriter.java
*
/mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/RecordComponentVisitor.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/TypePath.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/signature/SignatureReader.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ClassTooLargeException.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/TypeReference.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/FieldVisitor.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/MethodTooLargeException.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ModuleVisitor.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ClassWriter.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Symbol.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/SymbolTable.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/signature/SignatureWriter.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/MethodVisitor.java
* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/FieldWriter.java
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 -->

Found in path(s):

* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/signature/package.html
 * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/package.html
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Found in path(s):

* /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/signature/SignatureVisitor.java

1.307 okhttp 4.11.0

1.307.1 Available under license :

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1.308 netty-handler-ssl-ocsp 4.2.7.Final

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```
/opt/cola/permits/2715746492_1765184968.2606053/0/netty-handler-ssl-ocsp-4-2-7-final-sources-
jar/io/netty/handler/ssl/ocsp/IoTransport.java/*
/opt/cola/permits/2715746492_1765184968.2606053/0/netty-handler-ssl-ocsp-4-2-7-final-sources-
jar/io/netty/handler/ssl/ocsp/OcspClient.java/*
/opt/cola/permits/2715746492_1765184968.2606053/0/netty-handler-ssl-ocsp-4-2-7-final-sources-
jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java/*
/opt/cola/permits/2715746492_1765184968.2606053/0/netty-handler-ssl-ocsp-4-2-7-final-sources-
jar/io/netty/handler/ssl/ocsp/OcspHttpHandler.java/*
/opt/cola/permits/2715746492_1765184968.2606053/0/netty-handler-ssl-ocsp-4-2-7-final-sources-
jar/io/netty/handler/ssl/ocsp/OcspResponse.java/*
/opt/cola/permits/2715746492_1765184968.2606053/0/netty-handler-ssl-ocsp-4-2-7-final-sources-
jar/io/netty/handler/ssl/ocsp/OcspServerCertificateValidator.java/*
/opt/cola/permits/2715746492_1765184968.2606053/0/netty-handler-ssl-ocsp-4-2-7-final-sources-
jar/io/netty/handler/ssl/ocsp/OcspValidationEvent.java/*
/opt/cola/permits/2715746492_1765184968.2606053/0/netty-handler-ssl-ocsp-4-2-7-final-sources-
jar/io/netty/handler/ssl/ocsp/package-info.java/*
/opt/cola/permits/2715746492_1765184968.2606053/0/netty-handler-ssl-ocsp-4-2-7-final-sources-jar/module-
info.yml#
```

Found in path(s):

*

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```
<?xml version="1.0" encoding="UTF-8"?>
```

Found in path(s):

* /netty-handler-ssl-ocsp-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-handler-ssl-ocsp/pom.xml

1.309 jakarta-inject 2.6.1

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Source Code

The project maintains the following source code repositories:

- * <https://github.com/eclipse-ee4j/glassfish-ha-api>
- * <https://github.com/eclipse-ee4j/glassfish-logging-annotation-processor>
- * <https://github.com/eclipse-ee4j/glassfish-shoal>
- * <https://github.com/eclipse-ee4j/glassfish-cdi-porting-tck>
- * <https://github.com/eclipse-ee4j/glassfish-jsftemplating>
- * <https://github.com/eclipse-ee4j/glassfish-hk2-extra>
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None

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1.310 netty-codec-xml 4.2.7.Final

1.310.1 Available under license :

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```
<?xml version="1.0" encoding="UTF-8"?>
```

Found in path(s):

* /netty-codec-xml-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-codec-xml/pom.xml

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/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-jar/io/netty/handler/codec/xml/XmlAttribute.java/*

/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-jar/io/netty/handler/codec/xml/XmlCdata.java/*

/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-jar/io/netty/handler/codec/xml/XmlCharacters.java/*

/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-jar/io/netty/handler/codec/xml/XmlComment.java/*

/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-jar/io/netty/handler/codec/xml/XmlContent.java/*

/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-jar/io/netty/handler/codec/xml/XmlDTD.java/*

/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-jar/io/netty/handler/codec/xml/XmlDecoder.java/*

/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-jar/io/netty/handler/codec/xml/XmlDocumentEnd.java/*

/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-jar/io/netty/handler/codec/xml/XmlDocumentStart.java/*

/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-jar/io/netty/handler/codec/xml/XmlElement.java/*

/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-jar/io/netty/handler/codec/xml/XmlElementEnd.java/*

/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-jar/io/netty/handler/codec/xml/XmlElementStart.java/*

/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-jar/io/netty/handler/codec/xml/XmlEntityReference.java/*

```
/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-
jar/io/netty/handler/codec/xml/XmlFrameDecoder.java/*
/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-
jar/io/netty/handler/codec/xml/XmlNamespace.java/*
/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-
jar/io/netty/handler/codec/xml/XmlProcessingInstruction.java/*
/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-
jar/io/netty/handler/codec/xml/XmlSpace.java/*
/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-
jar/io/netty/handler/codec/xml/package-info.java/*
/opt/cola/permits/2715817953_1765177810.5428183/0/netty-codec-xml-4-2-7-final-sources-jar/module-info.yml#
-----
```

Found in path(s):

*

1.311 okio 3.6.0

1.311.1 Available under license :

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* /okio-3-6-0-sources-jar/nativeMain/okio/SizetVariant.kt

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* /okio-3-6-0-sources-jar/commonMain/okio/internal/FileSystem.kt
* /okio-3-6-0-sources-jar/commonMain/okio/FileHandle.kt
* /okio-3-6-0-sources-jar/unixMain/okio/UnixFileHandle.kt
* /okio-3-6-0-sources-jar/nativeMain/okio/FileSystem.kt

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* /okio-3-6-0-sources-jar/hashFunctions/okio/internal/Md5.kt
* /okio-3-6-0-sources-jar/hashFunctions/okio/internal/Sha1.kt
* /okio-3-6-0-sources-jar/hashFunctions/okio/internal/Sha256.kt

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* /okio-3-6-0-sources-jar/commonMain/okio/Okio.kt

* /okio-3-6-0-sources-jar/commonMain/okio/Timeout.kt

* /okio-3-6-0-sources-jar/nonJvmMain/okio/RealBufferedSink.kt

* /okio-3-6-0-sources-jar/nonJvmMain/okio/Buffer.kt

* /okio-3-6-0-sources-jar/commonMain/okio/BufferedSink.kt

* /okio-3-6-0-sources-jar/nonJvmMain/okio/Timeout.kt

*

/okio-3-6-0-sources-jar/commonMain/okio/Buffer.kt

* /okio-3-6-0-sources-jar/nonJvmMain/okio/BufferedSink.kt

* /okio-3-6-0-sources-jar/nonJvmMain/okio/Sink.kt

* /okio-3-6-0-sources-jar/nonJvmMain/okio/BufferedSource.kt

* /okio-3-6-0-sources-jar/commonMain/okio/internal/Buffer.kt

* /okio-3-6-0-sources-jar/commonMain/okio/RealBufferedSource.kt

* /okio-3-6-0-sources-jar/commonMain/okio/Sink.kt

* /okio-3-6-0-sources-jar/commonMain/okio/Source.kt

* /okio-3-6-0-sources-jar/commonMain/okio/BufferedSource.kt

* /okio-3-6-0-sources-jar/commonMain/okio/RealBufferedSink.kt

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* /okio-3-6-0-sources-jar/commonMain/okio/internal/-Utf8.kt
* /okio-3-6-0-sources-jar/nonAppleMain/okio/ByteString.kt
* /okio-3-6-0-sources-jar/commonMain/okio/Util.kt
* /okio-3-6-0-sources-jar/commonMain/okio/CommonPlatform.kt
* /okio-3-6-0-sources-jar/commonMain/okio/internal/ByteString.kt
* /okio-3-6-0-sources-jar/nonJvmMain/okio/NonJvmPlatform.kt
*

/okio-3-6-0-sources-jar/commonMain/okio/ByteString.kt

* /okio-3-6-0-sources-jar/appleMain/okio/ByteString.kt

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* /okio-3-6-0-sources-jar/commonMain/okio/internal/RealBufferedSource.kt
 * /okio-3-6-0-sources-jar/commonMain/okio/internal/SegmentedByteString.kt
 * /okio-3-6-0-sources-jar/commonMain/okio/internal/RealBufferedSink.kt

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* /okio-3-6-0-sources-jar/nonJvmMain/okio/RealBufferedSource.kt
 * /okio-3-6-0-sources-jar/commonMain/okio/Segment.kt
 * /okio-3-6-0-sources-jar/commonMain/okio/SegmentPool.kt
 * /okio-3-6-0-sources-jar/commonMain/okio/ForwardingSource.kt
 * /okio-3-6-0-sources-jar/nonJvmMain/okio/SegmentPool.kt
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* /okio-3-6-0-sources-jar/appleMain/okio/SegmentedByteString.kt
* /okio-3-6-0-sources-jar/nonAppleMain/okio/SegmentedByteString.kt
* /okio-3-6-0-sources-jar/commonMain/okio/SegmentedByteString.kt
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* /okio-3-6-0-sources-jar/nativeMain/okio/Cinterop.kt
* /okio-3-6-0-sources-jar/unixMain/okio/UnixPosixVariant.kt
* /okio-3-6-0-sources-jar/commonMain/okio/internal/Path.kt
* /okio-3-6-0-sources-jar/linuxMain/okio/LinuxPosixVariant.kt
* /okio-3-6-0-sources-jar/nativeMain/okio/PosixFileSystem.kt
* /okio-3-6-0-sources-jar/hashFunctions/okio/internal/Hmac.kt
*
/okio-3-6-0-sources-jar/nativeMain/okio/PosixVariant.kt
* /okio-3-6-0-sources-jar/commonMain/okio/HashingSource.kt
* /okio-3-6-0-sources-jar/nativeMain/okio/FileSource.kt
* /okio-3-6-0-sources-jar/appleMain/okio/ApplePosixVariant.kt
* /okio-3-6-0-sources-jar/nativeMain/okio/FileSink.kt
* /okio-3-6-0-sources-jar/commonMain/okio/FileSystem.kt
* /okio-3-6-0-sources-jar/commonMain/okio/HashingSink.kt
* /okio-3-6-0-sources-jar/commonMain/okio/FileMetadata.kt
* /okio-3-6-0-sources-jar/nonJvmMain/okio/Path.kt
* /okio-3-6-0-sources-jar/nonJvmMain/okio/HashingSink.kt
* /okio-3-6-0-sources-jar/commonMain/okio/ForwardingFileSystem.kt
* /okio-3-6-0-sources-jar/commonMain/okio/ExperimentalFileSystem.kt
* /okio-3-6-0-sources-jar/nonJvmMain/okio/HashingSource.kt
* /okio-3-6-0-sources-jar/commonMain/okio/Path.kt

1.312 annotations 4.1.1.4

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* /annotations-4-1-1-4-sources-9-jar/android/annotation/SuppressLint.java

1.313 rxjava 2.2.8

1.314 archaius-core 0.4.1

1.315 httpcomponents-mime 4.5.14

1.315.1 Available under license :

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1.316 jackson-databind 2.17.1

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1.317 kafka-protobuf-provider 5.5.5

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            <artifactId>protoc-jar-maven-plugin</artifactId>
        </plugin>
    </plugins>
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</project>

```

Found in path(s):

* /kafka-protobuf-provider-5-5-5-jar/META-INF/maven/io.confluent/kafka-protobuf-provider/pom.xml

1.318 commons-logging 1.2

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* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/ServletContextCleaner.java

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Found in path(s):

* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/LogConfigurationException.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Log4JLogger.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogFactoryImpl.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Jdk13LumberjackLogger.java
*
/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/SimpleLog.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Jdk14Logger.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/LogSource.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/NoOpLog.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogKitLogger.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/Log.java
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- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/package.html
- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/package.html

1.319 netty-transport-native-unix-common

4.2.7.Final

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/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/Buffer.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/DatagramSocketAddress.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/DomainDatagramChannel.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/DomainDatagramChannelConfig.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/DomainDatagramPacket.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/DomainDatagramSocketAddress.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/DomainSocketAddress.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/DomainSocketChannel.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/DomainSocketChannelConfig.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/DomainSocketReadMode.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/Errors.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/FileDescriptor.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/GenericUnixChannelOption.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/IntegerUnixChannelOption.java/*

/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/IovArray.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/Limits.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/NativeInetAddress.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/PeerCredentials.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/PreferredDirectByteBufAllocator.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/RawUnixChannelOption.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/SegmentedDatagramPacket.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/ServerDomainSocketChannel.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/Socket.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/SocketWritableByteChannel.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/Unix.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/UnixChannel.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/UnixChannelOption.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/UnixChannelUtil.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/io/netty/channel/unix/package-info.java/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/module-info.yml#

/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/netty_unix.c/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/netty_unix.h/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/netty_unix_buffer.c/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/netty_unix_buffer.h/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/netty_unix_errors.c/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/netty_unix_errors.h/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-

jar/netty_unix_filedescriptor.c/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/netty_unix_filedescriptor.h/*
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/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/netty_unix_limits.c/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/netty_unix_limits.h/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/netty_unix_socket.c/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/netty_unix_socket.h/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/netty_unix_util.c/*
/opt/cola/permits/2689515110_1761643124.7721844/0/netty-transport-native-unix-common-4-2-7-final-sources-jar/netty_unix_util.h/*

Found

in path(s):

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<?xml version="1.0" encoding="UTF-8"?>

Found in path(s):

* /netty-transport-native-unix-common-4-2-7-final-sources-jar/META-INF/maven/io.netty/netty-transport-native-unix-common/pom.xml

1.320 lz4-java 1.8.0

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1.321 guice-servlet 4.2.2

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1.323 rocksdbjni 10.4.2

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```
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/Statistics.class
(Lorg/rocksdb/StatsLevel;)V /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/Statistics.class org/rocksdb/StatsLevel
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/Statistics.class
```

Found in path(s):

* setStatsLevel

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```
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/AbstractSlice.class!(Lorg/rocksdb/AbstractSlice<*>;)Z
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/AbstractSlice.class
AbstractSlice.java
```

Found in path(s):

* (Lorg/rocksdb/AbstractSlice;)Z

No license file was found, but licenses were detected in source scan.

```
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/AbstractCompactionFilter.class;<T:Lorg/rocksdb/AbstractSlice<*>;>Lorg/rocksdb/RocksObject;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/AbstractSlice.class
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/AbstractSlice.class
org/rocksdb/AbstractSlice
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/ColumnFamilyOptions.classGLorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/AbstractSlic
e<*>;>; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/ColumnFamilyOptions.classj(Lorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/AbstractSlice
```

```

<*>;;)Lorg/rocksdb/ColumnFamilyOptions; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/ColumnFamilyOptions.classI()Lorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/AbstractSlice<*>;>; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/ColumnFamilyOptionsInterface.classL(Lorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/AbstractSlice<*>;>;)TT; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/ColumnFamilyOptionsInterface.classI()Lorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/AbstractSlice<*>;>; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/CompactRangeOptions.class setFullHistoryTSLow
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/CompactRangeOptions.class fullHistoryTSLow
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/DirectSlice.class
Lorg/rocksdb/DirectSlice; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/DirectSlice.class createNewDirectSlice0
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/DirectSlice.class
createNewDirectSlice1 /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/DirectSlice.class2Lorg/rocksdb/AbstractSlice<Ljava/nio/ByteBuffer;>;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/DirectSlice.class
DirectSlice.java
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/DirectSlice.class
org/rocksdb/DirectSlice
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/DirectSlice.class
org/rocksdb/AbstractSlice /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/Options.classGLorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/AbstractSlice<*>;>;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/Options.class^(Lorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/AbstractSlice<*>;>;)Lorg/rocksdb/Options; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/Options.classI()Lorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/AbstractSlice<*>;>;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/ReadOptions.class
Lorg/rocksdb/AbstractSlice; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/ReadOptions.class
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class
org/rocksdb/StatsLevel
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class&Illegal
value provided for StatsLevel.
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/TableProperties.class#getSlowCompressionEstimatedDataSize
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/WBWIRocksIterator.class org/rocksdb/DirectSlice
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/WBWIRocksIterator.class Lorg/rocksdb/DirectSlice;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/WBWIRocksIterator$WriteEntry.class Lorg/rocksdb/DirectSlice;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/WBWIRocksIterator$WriteEntry.class^(Lorg/rocksdb/WBWIRocksIterator$WriteType;Lorg/rocksdb/DirectSlice;Lorg/rocksdb/DirectSlice;)V /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/WBWIRocksIterator$WriteEntry.class ()Lorg/rocksdb/DirectSlice;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-

```

jar/org/rocksdb/WBWIRocksIterator\$WriteEntry.class org/rocksdb/DirectSlice

Found

in path(s):

*

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/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/Statistics.class
(Lorg/rocksdb/StatsLevel; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/Statistics.class

Found in path(s):

* statsLevel

No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/SstFileWriter.class
org/rocksdb/DirectSlice /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/Statistics.class

Found in path(s):

* (Lorg/rocksdb/DirectSlice;)V

No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/AbstractSlice.class!(Lorg/rocksdb/AbstractSlice<*>;)I
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/AbstractSlice.class

Found in path(s):

* (Lorg/rocksdb/AbstractSlice;)I

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/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/Statistics.class
(B)Lorg/rocksdb/StatsLevel; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class Lorg/rocksdb/StatsLevel;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class
[Lorg/rocksdb/StatsLevel; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class ()[Lorg/rocksdb/StatsLevel;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class,(Ljava/lang/String;)Lorg/rocksdb/StatsLevel;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class
(B)Lorg/rocksdb/StatsLevel; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class*Ljava/lang/Enum<Lorg/rocksdb/StatsLevel;>;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class
StatsLevel.java

Found

in path(s):

* getStatsLevel

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```
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-  
jar/org/rocksdb/ReadOptions.class6(Lorg/rocksdb/AbstractSlice;)Lorg/rocksdb/ReadOptions;  
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-  
jar/org/rocksdb/ReadOptions.class9(Lorg/rocksdb/AbstractSlice<*>;)Lorg/rocksdb/ReadOptions;  
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/ReadOptions.class  
org/rocksdb/AbstractSlice /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-  
jar/org/rocksdb/Slice.class Lorg/rocksdb/AbstractSlice<[B>;  
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/Slice.class  
org/rocksdb/AbstractSlice /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-  
jar/org/rocksdb/SstFileWriter.class5(Lorg/rocksdb/DirectSlice;Lorg/rocksdb/DirectSlice;)V  
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/SstFileWriter.class
```

Found

in path(s):

* Lorg/rocksdb/AbstractSlice<*>;

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```
<?xml version="1.0" encoding="UTF-8"?>
```

Found in path(s):

* /rocksdbjni-10-4-2-jar/META-INF/maven/org.rocksdb/rocksdbjni/pom.xml

1.324 smallvec 1.15.1

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Version 2.0, January 2004

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1.325 serde_json 1.0.145

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1.326 bcutil-fips 2.1.5

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1.327 slab 0.4.11

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1.328 hashbrown 0.16.0

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#![FreeBSD and NetBSD xattr support.

```
use libc::{c_int, c_void, size_t, EPERM};
use std::ffi::{CString, OsStr, OsString};
use std::io;
use std::mem;
use std::os::unix::ffi::{OsStrExt, OsStringExt};
use std::os::unix::io::{AsRawFd, BorrowedFd};
use std::path::Path;
use std::ptr;
```

```
use libc::{
    extattr_delete_fd, extattr_delete_file, extattr_delete_link, extattr_get_fd, extattr_get_file,
    extattr_get_link, extattr_list_fd, extattr_list_file, extattr_list_link, extattr_set_fd,
    extattr_set_file, extattr_set_link, EXTATTR_NAMESPACE_SYSTEM, EXTATTR_NAMESPACE_USER,
};
```

```
use crate::util::allocate_loop;
```

```
pub const ENOATTR: i32 = libc::ENOATTR;
pub const ERANGE: i32 = libc::ERANGE;
```

```
const EXTATTR_NAMESPACE_USER_STRING: &str = "user";
const EXTATTR_NAMESPACE_SYSTEM_STRING: &str = "system";
const EXTATTR_NAMESPACE_NAMES: [&str; 3] = [
    "empty",
    EXTATTR_NAMESPACE_USER_STRING,
    EXTATTR_NAMESPACE_SYSTEM_STRING,
];
```

```
fn path_to_c(path: &Path) -> io::Result<CString> {
    match CString::new(path.as_os_str().as_bytes())
    {
        Ok(name) => Ok(name),
        Err(_) => Err(io::Error::new(io::ErrorKind::NotFound, "file not found")),
    }
}
```

```
#[inline]
fn slice_parts(buf: &mut [u8]) -> (*mut c_void, size_t) {
    if buf.is_empty() {
        (ptr::null_mut(), 0)
    } else {
        (buf.as_mut_ptr().cast(), buf.len() as size_t)
    }
}
```

```

    }
}

/// An iterator over a set of extended attributes names.
#[derive(Default)]
pub struct XAttrs {
    user_attrs: Box<[u8]>,
    system_attrs: Box<[u8]>,
    offset: usize,
}

impl Clone for XAttrs {
    fn clone(&self) -> Self {
        XAttrs {
            user_attrs: Vec::from(&*self.user_attrs).into_boxed_slice(),
            system_attrs: Vec::from(&*self.system_attrs).into_boxed_slice(),
            offset: self.offset,
        }
    }
}

fn clone_from(&mut self, other: &XAttrs) {
    self.offset = other.offset;

    let mut data = mem::replace(&mut self.user_attrs, Box::new([])).into_vec();
    data.extend(other.user_attrs.iter().cloned());
    self.user_attrs = data.into_boxed_slice();

    data = mem::replace(&mut self.system_attrs, Box::new([])).into_vec();
    data.extend(other.system_attrs.iter().cloned());
    self.system_attrs = data.into_boxed_slice();
}

impl Iterator for XAttrs {
    type Item = OsString;
    fn next(&mut self) -> Option<OsString> {
        if self.user_attrs.is_empty() && self.system_attrs.is_empty() {
            return None;
        }

        if self.offset == self.user_attrs.len() + self.system_attrs.len() {
            return None;
        }

        let data = if self.offset < self.system_attrs.len() {
            &self.system_attrs[self.offset..]
        } else {
            &self.user_attrs[self.offset - self.system_attrs.len()..]
        }
    }
}

```

```

};

let siz = data[0] as usize;

self.offset += siz + 1;
if self.offset < self.system_attrs.len() {
    Some(prefix_namespace(
        OsStr::from_bytes(&data[1..siz
+ 1])),
        EXTATTR_NAMESPACE_SYSTEM,
    ))
} else {
    Some(prefix_namespace(
        OsStr::from_bytes(&data[1..siz + 1])),
        EXTATTR_NAMESPACE_USER,
    ))
}
}

fn size_hint(&self) -> (usize, Option<usize>) {
    if self.user_attrs.len() + self.system_attrs.len() == self.offset {
        (0, Some(0))
    } else {
        (1, None)
    }
}

}

// This could use libc::extattr_string_to_namespace, but it's awkward because
// that requires nul-terminated strings, which Rust's std is loathe to provide.
fn name_to_ns(name: &OsStr) -> io::Result<(c_int, CString)> {
    let mut groups = name.as_bytes().splitn(2, |&b| b == b'.').take(2);
    let nsname = match groups.next() {
        Some(s) => s,
        None => {
            return Err(io::Error::new(
                io::ErrorKind::InvalidInput,
                "couldn't find namespace",
            ))
        }
    };
};

let propname
= match groups.next() {
    Some(s) => s,
    None => {
        return Err(io::Error::new(
            io::ErrorKind::InvalidInput,

```

```

        "couldn't find attribute",
    ))
}
};

let ns_int = match EXTATTR_NAMESPACE_NAMES
    .iter()
    .position(|&s| s.as_bytes() == nsname)
{
    Some(i) => i,
    None => {
        return Err(io::Error::new(
            io::ErrorKind::InvalidInput,
            "no matching namespace",
        ))
    }
};

Ok((ns_int as c_int, CString::new(propname)?))
}

fn prefix_namespace(attr: &OsStr, ns: c_int) -> OsString {
    let nsname = EXTATTR_NAMESPACE_NAMES[ns as usize];
    let mut v = Vec::with_capacity(nsname.as_bytes().len() + attr.as_bytes().len() + 1);
    v.extend(nsname.as_bytes());
    v.extend("." as_bytes());
    v.extend(attr.as_bytes());
    OsString::from_vec(v)
}

fn cvt(res: libc::ssize_t) -> io::Result<usize> {
    if res < 0 {
        Err(io::Error::last_os_error())
    } else {
        Ok(res as usize)
    }
}

pub fn get_fd(fd: BorrowedFd<'_,>, name: &OsStr) -> io::Result<Vec<u8>> {
    let (ns, name) = name_to_ns(name)?;
    unsafe {
        allocate_loop(|buf| {
            let (ptr, len) = slice_parts(buf);
            cvt(extattr_get_fd(fd.as_raw_fd(), ns, name.as_ptr(), ptr, len))
        })
    }
}
}

```



```

pub fn set_fd(fd: BorrowedFd<'_>, name: &OsStr, value: &[u8]) -> io::Result<()> {
    let (ns, name) = name_to_ns(name)?;
    let ret = unsafe {
        extattr_set_fd(
            fd.as_raw_fd(),
            ns,
            name.as_ptr(),
            value.as_ptr() as *const c_void,
            value.len() as size_t,
        )
    };
    if ret == -1 {
        Err(io::Error::last_os_error())
    } else {
        Ok(())
    }
}

```

```

pub fn remove_fd(fd: BorrowedFd<'_>, name: &OsStr) -> io::Result<()> {
    let (ns, name) = name_to_ns(name)?;
    let ret = unsafe { extattr_delete_fd(fd.as_raw_fd(), ns, name.as_ptr()) };

    if ret != 0 {
        Err(io::Error::last_os_error())
    } else {
        Ok(())
    }
}

```

```

pub fn list_fd(fd: BorrowedFd<'_>) -> io::Result<XAttrs> {
    let sysvec = unsafe {
        let res = allocate_loop(|buf| {
            let (ptr, len) = slice_parts(buf);
            cvt(extattr_list_fd(
                fd.as_raw_fd(),
                EXTATTR_NAMESPACE_SYSTEM,
                ptr,
                len,
            ))
        });
        // On FreeBSD, system attributes require root privileges to view. However,
        // to mimic the behavior of listxattr in linux and osx, we need to query
        // them anyway and return empty results if we get EPERM
        match res {
            Ok(v) => v,
            Err(err) => {
                if err.raw_os_error() == Some(EPERM) {
                    Vec::new()
                }
            }
        }
    }
}

```

```

        } else {
            return Err(err);
        }
    }
}

};

let uservec = unsafe {
    let res = allocate_loop(|buf|
{
    let (ptr, len) = slice_parts(buf);
    cvt(extattr_list_fd(
        fd.as_raw_fd(),
        EXTATTR_NAMESPACE_USER,
        ptr,
        len,
    ))
});
    match res {
        Ok(v) => v,
        Err(err) => return Err(err),
    }
};

Ok(XAttrs {
    system_attrs: sysvec.into_boxed_slice(),
    user_attrs: uservec.into_boxed_slice(),
    offset: 0,
})
}

pub fn get_path(path: &Path, name: &OsStr, deref: bool) -> io::Result<Vec<u8>> {
    let (ns, name) = name_to_ns(name)?;
    let path = path_to_c(path)?;
    let extattr_get_func = if deref {
        extattr_get_file
    } else {
        extattr_get_link
    };
};

unsafe {
    allocate_loop(|buf| {
        let (ptr, len) = slice_parts(buf);
        cvt(extattr_get_func(path.as_ptr(), ns, name.as_ptr(), ptr, len))
    })
}
}

pub fn set_path(path: &Path, name: &OsStr, value: &[u8], deref: bool) -> io::Result<()>

```

```

{
    let (ns, name) = name_to_ns(name)?;
    let path = path_to_c(path)?;
    let extattr_set_func = if deref {
        extattr_set_file
    } else {
        extattr_set_link
    };
    let ret = unsafe {
        extattr_set_func(
            path.as_ptr(),
            ns,
            name.as_ptr(),
            value.as_ptr() as *const c_void,
            value.len() as size_t,
        )
    };
    if ret == -1 {
        Err(io::Error::last_os_error())
    } else {
        Ok(())
    }
}

pub fn remove_path(path: &Path, name: &OsStr, deref: bool) -> io::Result<()> {
    let (ns, name) = name_to_ns(name)?;
    let path = path_to_c(path)?;
    let extattr_delete_func = if deref {
        extattr_delete_file
    } else {
        extattr_delete_link
    };
    let ret = unsafe { extattr_delete_func(path.as_ptr(), ns, name.as_ptr()) };
    if ret != 0 {
        Err(io::Error::last_os_error())
    } else {
        Ok(())
    }
}

pub fn list_path(path: &Path, deref: bool) -> io::Result<XAttrs>
{
    let path = path_to_c(path)?;
    let extattr_list_func = if deref {
        extattr_list_file
    } else {
        extattr_list_link
    };
    let ret = unsafe {
        extattr_list_func(
            path.as_ptr(),
            ns,
            name.as_ptr(),
            value.as_ptr() as *const c_void,
            value.len() as size_t,
        )
    };
    if ret != 0 {
        Err(io::Error::last_os_error())
    } else {
        Ok(())
    }
}

```

```

let sysvec = unsafe {
    let res = allocate_loop(|buf| {
        let (ptr, len) = slice_parts(buf);
        cvt(extattr_list_func(
            path.as_ptr(),
            EXTATTR_NAMESPACE_SYSTEM,
            ptr,
            len,
        ))
    });
    // On FreeBSD, system attributes require root privileges to view. However,
    // to mimic the behavior of listxattr in linux and osx, we need to query
    // them anyway and return empty results if we get EPERM
    match res {
        Ok(v) => v,
        Err(err) => {
            if err.raw_os_error() == Some(EPERM) {
                Vec::new()
            } else {
                return Err(err);
            }
        }
    };
}

let uservec = unsafe {
    let res = allocate_loop(|buf|
{
        let (ptr, len) = slice_parts(buf);
        cvt(extattr_list_func(
            path.as_ptr(),
            EXTATTR_NAMESPACE_USER,
            ptr,
            len,
        ))
    });
    match res {
        Ok(v) => v,
        Err(err) => return Err(err),
    }
};

Ok(XAttrs {
    system_attrs: sysvec.into_boxed_slice(),
    user_attrs: uservec.into_boxed_slice(),
    offset: 0,
})
}

```

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Lizenz

DER GEGENSTAND DIESER LIZENZ (WIE UNTER "SCHUTZGEGENSTAND" DEFINIERT) WIRD UNTER DEN BEDINGUNGEN DIESER CREATIVE COMMONS PUBLIC LICENSE ("CCPL", "LIZENZ" ODER "LIZENZVERTRAG") ZUR VERFÜGUNG GESTELLT. DER SCHUTZGEGENSTAND IST DURCH DAS URHEBERRECHT UND/ODER ANDERE GESETZE GESCHÜTZT. JEDE FORM DER NUTZUNG DES SCHUTZGEGENSTANDES, DIE NICHT AUFGRUND DIESER LIZENZ ODER DURCH GESETZE GESTATTET IST, IST UNZULÄSSIG.

DURCH DIE AUSÜBUNG EINES DURCH DIESE LIZENZ GEWÄHRTEN RECHTS AN DEM SCHUTZGEGENSTAND ERKLÄREN SIE SICH MIT DEN LIZENZBEDINGUNGEN RECHTSVERBINDLICH EINVERSTANDEN. SOWEIT DIESE LIZENZ ALS LIZENZVERTRAG ANZUSEHEN IST, GEWÄHRT IHNEN DER LIZENZGEBER DIE IN DER LIZENZ GENANNTE RECHTE UNENTGELTLICH UND IM AUSTAUSCH DAFÜR, DASS SIE DAS GEBUNDENSEIN AN DIE LIZENZBEDINGUNGEN AKZEPTIEREN.

1. Definitionen

a. Der Begriff "Abwandlung" im Sinne dieser Lizenz bezeichnet das Ergebnis jeglicher Art von Veränderung des Schutzgegenstandes, solange die eigenpersönlichen Züge des Schutzgegenstandes darin nicht verblassen und daran eigene Schutzrechte entstehen. Das kann insbesondere eine Bearbeitung, Umgestaltung, Änderung, Anpassung, Übersetzung oder Heranziehung des Schutzgegenstandes zur Vertonung von Laufbildern sein. Nicht als Abwandlung des Schutzgegenstandes gelten seine Aufnahme in eine Sammlung oder ein Sammelwerk und die freie Benutzung des Schutzgegenstandes.

b. Der Begriff "Sammelwerk" im Sinne dieser Lizenz meint eine Zusammenstellung von literarischen, künstlerischen oder wissenschaftlichen Inhalten, sofern diese Zusammenstellung aufgrund von Auswahl und Anordnung der darin enthaltenen selbständigen Elemente eine geistige Schöpfung darstellt, unabhängig davon, ob die Elemente systematisch oder methodisch angelegt und dadurch einzeln zugänglich sind oder nicht.

c. "Verbreiten" im Sinne dieser Lizenz bedeutet, den Schutzgegenstand oder Abwandlungen im Original oder in Form von Vervielfältigungsstücken, mithin in körperlich fixierter Form der Öffentlichkeit anzubieten oder in Verkehr zu bringen.

d. Unter "Lizenzelementen" werden im Sinne dieser Lizenz die folgenden bergeordneten Lizenzcharakteristika

verstanden, die vom Lizenzgeber ausgewählt wurden und in der Bezeichnung der Lizenz zum Ausdruck kommen: "Namensnennung", "Weitergabe unter gleichen Bedingungen".

e. Der "*Lizenzgeber*" im Sinne dieser Lizenz ist diejenige natürliche oder juristische Person oder Gruppe, die den Schutzgegenstand unter den Bedingungen dieser Lizenz anbietet und insoweit als Rechteinhaberin auftritt.

f. "Rechteinhaber" im Sinne dieser Lizenz ist der Urheber des Schutzgegenstandes oder jede andere natürliche oder juristische Person oder Gruppe von Personen, die am Schutzgegenstand ein Immaterialgüterrecht erlangt hat, welches die in Abschnitt 3 genannten Handlungen erfasst und bei dem eine Einräumung von Nutzungsrechten oder eine Weitervertragung an Dritte möglich ist.

g. Der Begriff "Schutzgegenstand" bezeichnet in dieser Lizenz den literarischen, künstlerischen oder wissenschaftlichen Inhalt, der unter den Bedingungen dieser Lizenz angeboten wird. Das kann insbesondere eine persönliche geistige Schöpfung jeglicher Art, ein Werk der kleinen Münze, ein nachgelassenes Werk oder auch ein Lichtbild oder anderes Objekt eines verwandten Schutzrechts sein, unabhängig von der Art seiner Fixierung und unabhängig davon, auf welche Weise jeweils eine Wahrnehmung erfolgen kann, gleichviel ob in analoger oder digitaler Form. Soweit Datenbanken oder Zusammenstellungen von Daten einen immaterialgüterrechtlichen Schutz eigener Art genießen, unterfallen auch sie dem Begriff "Schutzgegenstand" im Sinne dieser Lizenz.

h. Mit "Sie" bzw. "Ihnen" ist die natürliche oder juristische Person gemeint, die in dieser Lizenz im Abschnitt 3 genannte Nutzungen des Schutzgegenstandes vornimmt und zuvor in Hinblick auf den Schutzgegenstand nicht gegen Bedingungen dieser Lizenz verstoßen oder aber die ausdrückliche Erlaubnis des Lizenzgebers erhalten hat, die durch diese Lizenz gewährten Nutzungsrechte trotz eines vorherigen Verstoßes auszuüben.

i. Unter "öffentlich Zeigen" im Sinne dieser Lizenz sind Veröffentlichungen und Präsentationen des Schutzgegenstandes zu verstehen, die für eine Mehrzahl von Mitgliedern der Öffentlichkeit bestimmt sind und in unkörperlicher Form mittels öffentlicher Wiedergabe in Form von Vortrag, Aufführung, Vorführung, Darbietung, Sendung, Weitersendung, zeit- und ortsunabhängiger Zugänglichmachung oder in körperlicher Form mittels Ausstellung erfolgen, unabhängig von bestimmten Veranstaltungen und unabhängig von den zum Einsatz kommenden Techniken und Verfahren, einschließlich drahtgebundener oder drahtloser Mittel und Einstellen in das Internet.

j. "Vervielfältigen" im Sinne dieser Lizenz bedeutet, mittels beliebiger Verfahren Vervielfältigungsstücke des Schutzgegenstandes herzustellen, insbesondere durch Ton- oder Bildaufzeichnungen, und umfasst auch den Vorgang, erstmals körperliche Fixierungen des Schutzgegenstandes sowie Vervielfältigungsstücke dieser Fixierungen anzufertigen, sowie die Übertragung des Schutzgegenstandes auf einen Bild- oder Tonträger oder auf ein anderes elektronisches Medium, gleichviel ob in digitaler oder analoger Form.

k. "Mit Creative Commons kompatible Lizenz" bezeichnet eine Lizenz, die unter <https://creativecommons.org/compatiblelicenses> aufgelistet ist und die durch Creative Commons als grundsätzlich zur vorliegenden Lizenz äquivalent akzeptiert wurde, da zumindest folgende Voraussetzungen erfüllt sind:

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i. enthält Bestimmungen, welche die gleichen Ziele verfolgen, die gleiche Bedeutung haben und die gleichen Wirkungen erzeugen wie die Lizenzelemente der vorliegenden Lizenz; und

ii. erlaubt ausdrücklich das Lizenzieren von ihr unterstellten Abwandlungen unter vorliegender Lizenz, unter einer anderen rechtsordnungsspezifisch angepassten Creative-Commons-Lizenz mit denselben Lizenzelementen, wie sie die vorliegende Lizenz aufweist, oder unter der entsprechenden Creative-Commons-Unported-Lizenz.

2. Schranken des Immaterialgüterrechts. Diese Lizenz ist in keiner Weise darauf gerichtet, Befugnisse zur Nutzung des Schutzgegenstandes zu vermindern, zu beschränken oder zu vereiteln, die Ihnen aufgrund der Schranken des Urheberrechts oder anderer Rechtsnormen bereits ohne Weiteres zustehen oder sich aus dem Fehlen eines immaterialgüterrechtlichen Schutzes ergeben.

3. Einräumung von Nutzungsrechten. Unter den Bedingungen dieser Lizenz räumt Ihnen der Lizenzgeber - unbeschadet unverzichtbarer Rechte und vorbehaltlich des Abschnitts 3.e) - das vergütungsfreie, räumlich und zeitlich (für die Dauer des Schutzrechts am Schutzgegenstand) unbeschränkte einfache Recht ein, den Schutzgegenstand auf die folgenden Arten und Weisen zu nutzen ("unentgeltlich eingeräumtes einfaches Nutzungsrecht für jedermann"):

a. Den Schutzgegenstand in beliebiger Form und Menge zu vervielfältigen, ihn in Sammelwerke zu integrieren und ihn als Teil solcher Sammelwerke zu vervielfältigen;

b. Abwandlungen des Schutzgegenstandes anzufertigen, einschließlich Übersetzungen unter Nutzung jedweder Medien, sofern deutlich erkennbar gemacht wird, dass es sich um Abwandlungen handelt;

c. den Schutzgegenstand, allein oder in Sammelwerke aufgenommen, öffentlich zu zeigen und zu verbreiten;

d. Abwandlungen des Schutzgegenstandes zu veröffentlichen, öffentlich zu zeigen und zu verbreiten.

e. Bezüglich Vergütung für die Nutzung des Schutzgegenstandes gilt Folgendes:

i. Unverzichtbare gesetzliche Vergütungsansprüche: Soweit unverzichtbare Vergütungsansprüche im Gegenzug für gesetzliche Lizenzen vorgesehen oder Pauschalabgabensysteme (zum Beispiel für Leermedien) vorhanden sind, behält sich der Lizenzgeber das ausschließliche Recht vor, die entsprechende Vergütung einzuziehen für jede Ausübung eines Rechts aus dieser Lizenz durch Sie.

ii. Vergütung bei Zwangslizenzen: Sofern Zwangslizenzen außerhalb dieser Lizenz vorgesehen sind und zustande kommen, verzichtet der Lizenzgeber für alle Fälle einer lizenzgerechten Nutzung des Schutzgegenstandes durch Sie auf jegliche Vergütung.

iii. Vergütung in sonstigen Fällen: Bezüglich lizenzgerechter Nutzung des Schutzgegenstandes durch Sie, die nicht unter die beiden vorherigen Abschnitte (i) und (ii) fällt, verzichtet der Lizenzgeber auf jegliche Vergütung, unabhängig davon, ob eine Einziehung der Vergütung durch ihn selbst oder nur durch eine Verwertungsgesellschaft möglich wäre.

Das vorgenannte

Nutzungsrecht wird für alle bekannten sowie für alle noch nicht bekannten Nutzungsarten eingeräumt. Es beinhaltet auch das Recht, solche Änderungen am Schutzgegenstand vorzunehmen, die für bestimmte nach dieser Lizenz zulässige Nutzungen technisch erforderlich sind. Alle sonstigen Rechte, die über diesen Abschnitt hinaus nicht ausdrücklich durch den Lizenzgeber eingeräumt werden, bleiben diesem allein vorbehalten. Soweit Datenbanken oder Zusammenstellungen von Daten Schutzgegenstand dieser Lizenz oder Teil dessen sind und einen immaterialgüterrechtlichen Schutz eigener Art genießen, verzichtet der Lizenzgeber auf sämtliche aus diesem Schutz

resultierenden Rechte.

4. Bedingungen. Die Einräumung des Nutzungsrechts gem Abschnitt 3 dieser Lizenz erfolgt ausdrücklich nur unter den folgenden Bedingungen:

a. Sie dürfen den Schutzgegenstand ausschließlich unter den Bedingungen dieser Lizenz verbreiten oder öffentlich zeigen. Sie müssen dabei stets eine Kopie dieser Lizenz oder deren vollständige Internetadresse in Form des Uniform-Resource-Identifier (URI) beifügen. Sie dürfen keine Vertrags- oder Nutzungsbedingungen anbieten oder fordern, die die Bedingungen dieser Lizenz oder die durch diese Lizenz gewährten Rechte beschränken. Sie dürfen den Schutzgegenstand nicht unterlizenzieren. Bei jeder Kopie des Schutzgegenstandes, die Sie verbreiten oder öffentlich zeigen, müssen Sie alle Hinweise unverändert lassen, die auf diese Lizenz und den Haftungsausschluss hinweisen. Wenn Sie den Schutzgegenstand verbreiten oder öffentlich zeigen, dürfen Sie (in Bezug auf den Schutzgegenstand) keine technischen Maßnahmen ergreifen, die den Nutzer des Schutzgegenstandes in der Ausübung der ihm durch diese Lizenz gewährten Rechte behindern können. Dieser Abschnitt 4.a) gilt auch für den Fall, dass der Schutzgegenstand einen Bestandteil eines Sammelwerkes bildet, was jedoch nicht bedeutet, dass das Sammelwerk insgesamt dieser Lizenz unterstellt werden muss. Sofern Sie ein Sammelwerk erstellen, müssen Sie auf die Mitteilung eines Lizenzgebers hin aus dem Sammelwerk die in Abschnitt 4.c) aufgezählten Hinweise entfernen. Wenn Sie eine Abwandlung vornehmen, müssen Sie auf die Mitteilung eines Lizenzgebers hin von der Abwandlung die in Abschnitt 4.c) aufgezählten Hinweise entfernen.

b. Sie dürfen eine Abwandlung ausschließlich unter den Bedingungen

i. dieser Lizenz,

ii. einer späteren Version dieser Lizenz mit denselben Lizenzelementen,

iii. einer rechtsordnungsspezifischen Creative-Commons-Lizenz mit denselben Lizenzelementen ab Version 3.0 aufwärts (z.B. Namensnennung - Weitergabe unter gleichen Bedingungen 3.0 US),

iv. der Creative-Commons-Attribution-Lizenz mit denselben Lizenzelementen ab Version 3.0 aufwärts, oder

v. einer mit Creative Commons kompatiblen Lizenz

verbreiten oder öffentlich zeigen.

Falls Sie die Abwandlung gem Abschnitt (v) unter einer mit Creative Commons kompatiblen Lizenz lizenzieren, müssen Sie deren Lizenzbestimmungen Folge leisten.

Falls Sie die Abwandlungen unter einer der unter (i)-(iv) genannten Lizenzen ("Verwendbare Lizenzen") lizenzieren, müssen Sie deren Lizenzbestimmungen sowie folgenden Bestimmungen Folge leisten: Sie müssen stets eine Kopie der verwendbaren Lizenz oder deren vollständige Internetadresse in Form des Uniform-Resource-Identifier (URI) beifügen, wenn Sie die Abwandlung verbreiten oder öffentlich zeigen. Sie dürfen keine Vertrags- oder Nutzungsbedingungen anbieten oder fordern, die die Bedingungen der verwendbaren Lizenz oder die durch sie gewährten Rechte beschränken. Bei jeder Abwandlung, die Sie verbreiten oder öffentlich zeigen, müssen Sie alle Hinweise auf die verwendbare Lizenz und den Haftungsausschluss unverändert lassen. Wenn Sie die Abwandlung verbreiten oder öffentlich zeigen, dürfen Sie (in Bezug auf die Abwandlung) keine technischen Maßnahmen ergreifen, die den Nutzer der Abwandlung in der Ausübung der ihm durch die verwendbare Lizenz gewährten Rechte behindern

knnen.

Dieser Abschnitt 4.b) gilt auch für den Fall, dass die Abwandlung einen Bestandteil eines Sammelwerkes bildet, was jedoch nicht bedeutet, dass das Sammelwerk insgesamt der verwendbaren Lizenz unterstellt werden muss.

c. Die Verbreitung und das öffentliche Zeigen des Schutzgegenstandes oder auf ihm aufbauender Abwandlungen oder ihn enthaltender Sammelwerke ist Ihnen nur unter der Bedingung gestattet, dass Sie, vorbehaltlich etwaiger Mitteilungen im Sinne von Abschnitt 4.a), alle dazu gehörenden Rechtevermerke unberührt lassen. Sie sind verpflichtet, die Rechteinhaberschaft in einer der Nutzung entsprechenden, angemessenen Form anzuerkennen, indem Sie - soweit bekannt - Folgendes angeben:

i. Den Namen (oder das Pseudonym, falls ein solches verwendet wird) des Rechteinhabers und / oder, falls der Lizenzgeber im Rechtevermerk, in den Nutzungsbedingungen oder auf andere angemessene Weise eine Zuschreibung an Dritte vorgenommen hat (z.B. an eine Stiftung, ein Verlagshaus oder eine Zeitung) ("Zuschreibungsempfänger"), Namen bzw. Bezeichnung dieses oder dieser Dritten;

ii. den Titel des Inhaltes;

iii. in einer praktikablen Form den Uniform-Resource-Identifier (URI, z.B. Internetadresse), den der Lizenzgeber zum Schutzgegenstand angegeben hat, es sei denn, dieser URI verweist nicht auf den Rechtevermerk oder die Lizenzinformationen zum Schutzgegenstand;

iv. und im Falle einer Abwandlung des Schutzgegenstandes in bereinstimmung mit Abschnitt 3.b) einen Hinweis darauf, dass es sich um eine Abwandlung handelt.

Die nach diesem Abschnitt 4.c) erforderlichen Angaben können in jeder angemessenen Form gemacht werden; im Falle einer Abwandlung des Schutzgegenstandes oder eines Sammelwerkes müssen diese Angaben das Minimum darstellen und bei gemeinsamer Nennung mehrerer Rechteinhaber dergestalt erfolgen, dass sie zumindest ebenso hervorgehoben sind wie die Hinweise auf die übrigen Rechteinhaber. Die Angaben nach diesem Abschnitt dürfen Sie ausschließlich zur Angabe der Rechteinhaberschaft in der oben bezeichneten Weise verwenden. Durch die Ausübung Ihrer Rechte aus dieser Lizenz dürfen Sie ohne eine vorherige, separat und schriftlich vorliegende Zustimmung des Lizenzgebers und / oder des Zuschreibungsempfängers weder explizit noch implizit irgendeine Verbindung zum Lizenzgeber oder Zuschreibungsempfänger und ebenso wenig eine Unterstützung oder Billigung durch ihn andeuten.

d. Die oben unter 4.a) bis c) genannten Einschränkungen gelten nicht für solche Teile des Schutzgegenstandes, die allein deshalb unter den Schutzgegenstandsbegriff fallen, weil sie als Datenbanken oder Zusammenstellungen von Daten einen immaterialgüterrechtlichen Schutz eigener Art genießen.

e. Persönlichkeitsrechte bleiben - soweit sie bestehen - von dieser Lizenz unberührt.

5. Gewährleistung

SO FERN KEINE ANDERS LAUTENDE, SCHRIFTLICHE VEREINBARUNG ZWISCHEN DEM LIZENZGEBER UND IHNEN GESCHLOSSEN WURDE UND SOWEIT MANGEL NICHT ARGLISTIG VERSCHWIEGEN

WURDEN, BIETET DER LIZENZGEBER DEN SCHUTZGEGENSTAND UND DIE EINRÜHMUNG VON RECHTEN UNTER AUSSCHLUSS JEGLICHER GEWHRLEISTUNG AN UND BERNIMMT WEDER AUSDRÜCKLICH NOCH KONKLUDENT GARANTIEEN IRGEND EINER ART. DIES UMFASST

INSBESONDERE DAS FREISEIN VON SACH- UND RECHTSMANGELN, UNABHÄNGIG VON DEREN ERKENNBARKEIT FÜR DEN LIZENZGEBER, DIE VERKEHRSTÜCHTIGKEIT DES SCHUTZGEGENSTANDES, SEINE VERWENDBARKEIT FÜR EINEN BESTIMMTEN ZWECK SOWIE DIE KORREKTHEIT VON BESCHREIBUNGEN. DIESE GEWHRLEISTUNGSBESCHRÄNKUNG GILT NICHT, SOWEIT MANGEL ZU SCHÄDEN DER IN ABSCHNITT 6 BEZEICHNETEN ART FÜHREN UND AUF SEITEN DES LIZENZGEBERS DAS JEWEILS GENANNT VERSCHULDEN BZW. VERTRETENMÜSSEN EBENFALLS VORLIEGT.

6. Haftungsbeschränkung

DER LIZENZGEBER HAFTET IHNEN GEGENÜBER IN BEZUG AUF SCHÄDEN AUS DER VERLETZUNG DES LEBENS, DES KÖRPERS ODER DER GESUNDHEIT NUR, SOFERN IHM WENIGSTENS FAHRLÄSSIGKEIT VORZUWERFEN IST, FÜR SONSTIGE SCHÄDEN NUR BEI GROBER FAHRLÄSSIGKEIT ODER VORSATZ, UND ÜBERNIMMT DARÜBER HINAUS KEINERLEI FREIWILLIGE HAFTUNG.

7.

Erlöschen

a. Diese Lizenz und die durch sie eingeräumten Nutzungsrechte erlöschen mit Wirkung für die Zukunft im Falle eines Verstosses gegen die Lizenzbedingungen durch Sie, ohne dass es dazu der Kenntnis des Lizenzgebers vom Verstoß oder einer weiteren Handlung einer der Vertragsparteien bedarf. Mit natürlichen oder juristischen Personen, die Abwandlungen des Schutzgegenstandes oder diesen enthaltende Sammelwerke unter den Bedingungen dieser Lizenz von Ihnen erhalten haben, bestehen nachträglich entstandene Lizenzbeziehungen jedoch solange weiter, wie die genannten Personen sich ihrerseits an sämtliche Lizenzbedingungen halten. Darüber hinaus gelten die Ziffern 1, 2, 5, 6, 7, und 8 auch nach einem Erlöschen dieser Lizenz fort.

b. Vorbehaltlich der oben genannten Bedingungen gilt diese Lizenz unbefristet bis der rechtliche Schutz für den Schutzgegenstand ausläuft. Davon abgesehen behält der Lizenzgeber das Recht, den Schutzgegenstand unter anderen Lizenzbedingungen anzubieten oder die eigene Weitergabe des Schutzgegenstandes jederzeit einzustellen, solange die Ausübung dieses Rechts nicht einer Kündigung oder einem Widerruf dieser Lizenz (oder irgendeiner Weiterlizenzierung, die auf Grundlage dieser Lizenz bereits erfolgt ist bzw. zukünftig noch erfolgen muss) dient und diese Lizenz unter Berücksichtigung der oben zum Erlöschen genannten Bedingungen vollumfänglich wirksam bleibt.

8. Sonstige Bestimmungen

a. Jedes Mal wenn Sie den Schutzgegenstand für sich genommen oder als Teil eines Sammelwerkes verbreiten oder öffentlich zeigen, bietet der Lizenzgeber dem Empfänger eine Lizenz zu den gleichen Bedingungen und im gleichen Umfang an, wie Ihnen in Form dieser Lizenz.

b. Jedes Mal wenn Sie eine Abwandlung des Schutzgegenstandes verbreiten oder öffentlich zeigen, bietet der Lizenzgeber dem Empfänger eine Lizenz am ursprünglichen Schutzgegenstand zu den gleichen Bedingungen und im gleichen Umfang an, wie Ihnen in Form dieser Lizenz.

c. Sollte eine Bestimmung dieser

Lizenz unwirksam sein, so bleibt davon die Wirksamkeit der Lizenz im übrigen unberührt.

d. Keine Bestimmung dieser Lizenz soll als Abbedingung und kein Verstoß gegen sie als zulässig gelten, solange die von dem Verzicht oder von dem Verstoß betroffene Seite nicht schriftlich zugestimmt hat.

e. Diese Lizenz (zusammen mit in ihr ausdrücklich vorgesehenen Erlaubnissen, Mitteilungen und Zustimmungen, soweit diese tatsächlich vorliegen) stellt die vollständige Vereinbarung zwischen dem Lizenzgeber und Ihnen in Bezug auf den Schutzgegenstand dar. Es bestehen keine Abreden, Vereinbarungen oder Erklärungen in Bezug auf den Schutzgegenstand, die in dieser Lizenz nicht genannt sind. Rechtsgeschäftliche Änderungen des Verhältnisses zwischen dem Lizenzgeber und Ihnen sind nur bei Modifikationen dieser Lizenz möglich. Der Lizenzgeber ist an etwaige zusätzliche, einseitig durch Sie bermittelte Bestimmungen nicht gebunden. Diese Lizenz kann nur durch schriftliche Vereinbarung zwischen Ihnen und dem Lizenzgeber modifiziert werden. Derlei Modifikationen wirken ausschließlich zwischen dem Lizenzgeber und Ihnen und wirken sich nicht auf die Dritten gem Ziffern 8.a) und b) angeboteten Lizenzen aus.

f. Sofern zwischen Ihnen und dem Lizenzgeber keine anderweitige Vereinbarung getroffen wurde und soweit Wahlfreiheit besteht, findet auf diesen Lizenzvertrag das Recht der Bundesrepublik Deutschland Anwendung.

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//! This file contains the BSD APIs available in Haiku. It corresponds to the
//! header files in `headers/compatibility/bsd`.

//!

//! Note that Haiku's BSD compatibility is a combination of system APIs and
//! utility libraries. There should only be system APIs in `libc`. When you are
//! trying to determine whether something should be included in this file, the
//! best indicator is whether it also exists in the BSD-specific definitions in
//! this libc crate.

use crate::prelude::*;

// stringlist.h (utility library)

// Note: this is kept because it was previously introduced

pub type StringList = _stringlist;

s! {

 // stringlist.h (utility library)

 // Note: this is kept because it was previously introduced

 pub struct _stringlist {

 pub sl_str: *mut *mut c_char,

 pub sl_max: size_t,

 pub sl_cur: size_t,

 }

// sys/event.h

pub struct kevent {

 pub ident: crate::uintptr_t,

 pub filter: c_short,

 pub flags: c_ushort,

pub fflags: c_uint,

pub data: i64,

pub udata: *mut c_void,

```

    pub ext: [u64; 4],
}

// sys/link_elf.h
pub struct dl_phdr_info {
    pub dlpi_addr: crate::Elf_Addr,
    pub dlpi_name: *const c_char,
    pub dlpi_phdr: *const crate::Elf_Phdr,
    pub dlpi_phnum: crate::Elf_Half,
}
}

// sys/event.h
pub const EVFILT_READ: i16 = -1;
pub const EVFILT_WRITE: i16 = -2;
pub const EVFILT_PROC: i16 = -5;
pub const EV_ADD: u16 = 0x0001;
pub const EV_DELETE: u16 = 0x0002;
pub const EV_ONESHOT: u16 = 0x0010;
pub const EV_CLEAR: u16 = 0x0020;
pub const EV_EOF: u16 = 0x8000;
pub const EV_ERROR: u16 = 0x4000;
pub const NOTE_EXIT: u32 = 0x80000000;

// sys/ioccom.h
pub const IOC_VOID: c_ulong = 0x20000000;
pub const IOC_OUT: c_ulong = 0x40000000;
pub const IOC_IN: c_ulong = 0x80000000;
pub const IOC_INOUT: c_ulong = IOC_IN | IOC_OUT;
pub const IOC_DIRMASK: c_ulong = 0xe0000000;

#[link(name = "bsd")]
extern "C" {
    // stdlib.h
    pub fn daemon(nochdir:
c_int, noclose: c_int) -> c_int;
    pub fn getprogname() -> *const c_char;
    pub fn setprogname(progname: *const c_char);
    pub fn arc4random() -> u32;
    pub fn arc4random_uniform(upper_bound: u32) -> u32;
    pub fn arc4random_buf(buf: *mut c_void, n: size_t);
    pub fn mkstemps(template: *mut c_char, suffixlen: c_int) -> c_int;
    pub fn strtonum(
        nptr: *const c_char,
        minval: c_longlong,
        maxval: c_longlong,
        errstr: *mut *const c_char,
    ) -> c_longlong;
}

```

```

// pty.h
pub fn openpty(
    amaster: *mut c_int,
    aslave: *mut c_int,
    name: *mut c_char,
    term: *mut crate::termios,
    winp: *mut crate::winsize,
) -> c_int;
pub fn login_tty(_fd: c_int) -> c_int;
pub fn forkpty(
    amaster: *mut c_int,
    name: *mut c_char,
    term: *mut crate::termios,
    winp: *mut crate::winsize,
) -> crate::pid_t;

// string.h
pub fn strsep(string: *mut *mut c_char, delimiters:
*const c_char) -> *mut c_char;
pub fn explicit_bzero(buf: *mut c_void, len: size_t);

// stringlist.h (utility library)
// Note: this is kept because it was previously introduced
pub fn sl_init() -> *mut StringList;
pub fn sl_add(sl: *mut StringList, n: *mut c_char) -> c_int;
pub fn sl_free(sl: *mut StringList, i: c_int);
pub fn sl_find(sl: *mut StringList, n: *mut c_char) -> *mut c_char;

// sys/event.h
pub fn kqueue() -> c_int;
pub fn kevent(
    kq: c_int,
    changelist: *const kevent,
    nchanges: c_int,
    eventlist: *mut kevent,
    nevents: c_int,
    timeout: *const crate::timespec,
) -> c_int;

// sys/link_elf.h
pub fn dl_iterate_phdr(
    callback: Option<
        unsafe extern "C" fn(info: *mut dl_phdr_info, size: usize, data: *mut c_void) -> c_int,
    >,
    data: *mut c_void,
) -> c_int;

```

```

// sys/time.h
pub fn lutimes(file: *const c_char, times: *const crate::timeval)
-> c_int;

// sys/uov.h
pub fn preadv(
    fd: c_int,
    iov: *const crate::iovec,
    iovcnt: c_int,
    offset: crate::off_t,
) -> ssize_t;
pub fn pwritev(
    fd: c_int,
    iov: *const crate::iovec,
    iovcnt: c_int,
    offset: crate::off_t,
) -> ssize_t;

// sys/wait.h
pub fn wait4(
    pid: crate::pid_t,
    status: *mut c_int,
    options: c_int,
    rusage: *mut crate::rusage,
) -> crate::pid_t;
}

```

=====

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Lizenzvertrag

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1. Definitionen

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- c. Unter dem Lizenzgeber wird die natürliche oder juristische Person verstanden, die den Schutzgegenstand unter den Bedingungen dieser Lizenz anbietet.
- d. Unter einem Sammelwerk wird eine Sammlung von Werken, Daten oder anderen unabhängigen Elementen verstanden, die aufgrund der Auswahl oder Anordnung der Elemente eine persönliche geistige Schöpfung ist. Darunter fallen auch solche Sammelwerke, deren Elemente systematisch oder methodisch angeordnet und einzeln mit Hilfe elektronischer Mittel oder auf andere Weise zugänglich sind (Datenbankwerke). Ein Sammelwerk wird im Zusammenhang mit dieser Lizenz nicht als Bearbeitung (wie oben beschrieben) angesehen.
- e. Mit SIE und Ihnen ist die natürliche oder juristische Person gemeint, die die durch diese Lizenz gewährten Nutzungsrechte ausübt und die zuvor die Bedingungen dieser Lizenz im Hinblick auf das Werk nicht verletzt hat, oder die die ausdrückliche Erlaubnis des Lizenzgebers erhalten hat, die durch diese Lizenz gewährten Nutzungsrechte trotz einer vorherigen Verletzung auszuüben.
- f. Unter dem Schutzgegenstand wird das Werk oder Sammelwerk oder das Schutzobjekt eines verwandten Schutzrechts, das Ihnen unter den Bedingungen dieser Lizenz angeboten wird, verstanden.
- g. Unter dem Urheber wird die natürliche Person verstanden, die das Werk geschaffen hat.

h. Unter einem verwandten Schutzrecht wird das Recht an einem anderen urheberrechtlichen Schutzgegenstand als einem Werk verstanden, zum Beispiel einer wissenschaftlichen Ausgabe, einem nachgelassenen Werk, einem Lichtbild, einer Datenbank, einem Tonträger, einer Funksendung, einem Laufbild oder einer Darbietung eines ausübenden Künstlers.

i. Unter dem Werk wird eine persönliche geistige Schöpfung verstanden, die Ihnen unter den Bedingungen dieser Lizenz angeboten wird.

2. Schranken des Urheberrechts. Diese Lizenz lässt sämtliche Befugnisse unberührt, die sich aus den Schranken des Urheberrechts, aus dem Erschöpfungsgrundsatz oder anderen Beschränkungen der Ausschließlichkeitsrechte des Rechteinhabers ergeben.

3. Lizenzierung. Unter den Bedingungen dieses Lizenzvertrages räumt Ihnen der Lizenzgeber ein lizenzgebührenfreies, räumlich und zeitlich (für die Dauer des Urheberrechts oder verwandten Schutzrechts) unbeschränktes einfaches Nutzungsrecht ein, den Schutzgegenstand in der folgenden Art und Weise zu nutzen:

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b. den Schutzgegenstand in unkörperlicher Form öffentlich wiederzugeben, insbesondere vorzutragen, aufzuführen und vorzuführen, öffentlich zugänglich zu machen, zu senden, durch Bild- und Tonträger wiederzugeben sowie Funksendungen und öffentliche Zugänglichmachungen wiederzugeben;

c. den Schutzgegenstand auf Bild- oder Tonträger aufzunehmen, Lichtbilder davon herzustellen, weiterzusenden und in dem in a. und b. genannten Umfang zu verwerten;

d. den Schutzgegenstand zu bearbeiten oder in anderer Weise umzugestalten und die Bearbeitungen zu veröffentlichen und in dem in a. bis c. genannten Umfang zu verwerten;

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4. Beschränkungen. Die Einräumung der Nutzungsrechte gemäß Ziffer 3 erfolgt ausdrücklich nur unter den folgenden Bedingungen:

a. Sie dürfen den Schutzgegenstand ausschließlich unter den Bedingungen dieser Lizenz vervielfältigen, verbreiten oder öffentlich wiedergeben, und Sie müssen stets eine Kopie oder die vollständige Internetadresse in Form des Uniform-Resource-Identifier (URI) dieser Lizenz beifügen, wenn Sie den Schutzgegenstand vervielfältigen, verbreiten oder öffentlich wiedergeben. Sie dürfen keine Vertragsbedingungen anbieten oder fordern, die die Bedingungen dieser Lizenz oder die durch sie gewährten Rechte ändern oder beschränken. Sie dürfen den Schutzgegenstand nicht unterlizenzieren. Sie müssen alle Hinweise unverändert lassen, die auf diese Lizenz und den Haftungsausschluss hinweisen. Sie dürfen den Schutzgegenstand mit keinen technischen Schutzmaßnahmen versehen, die den Zugang oder den Gebrauch des Schutzgegenstandes

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verlangen aber nicht, dass das Sammelwerk insgesamt zum Gegenstand dieser Lizenz gemacht wird. Wenn Sie ein Sammelwerk erstellen, müssen Sie - soweit dies praktikabel ist - auf die Mitteilung eines Lizenzgebers oder Urhebers hin aus dem Sammelwerk jeglichen Hinweis auf diesen Lizenzgeber oder diesen Urheber entfernen. Wenn Sie den Schutzgegenstand bearbeiten, müssen Sie - soweit dies praktikabel ist - auf die Aufforderung eines Rechtsinhabers hin von der Bearbeitung jeglichen Hinweis auf diesen Rechtsinhaber entfernen.

b. Sie dürfen eine Bearbeitung ausschließlich unter den Bedingungen dieser Lizenz, einer späteren Version dieser Lizenz mit denselben Lizenzelementen wie diese Lizenz oder einer Creative Commons iCommons Lizenz, die dieselben Lizenzelemente wie diese Lizenz

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c. Sie dürfen die in Ziffer 3 gewährten Nutzungsrechte in keiner Weise verwenden, die hauptsächlich auf einen geschäftlichen Vorteil oder eine vertraglich geschuldete geldwerte Vergütung abzielt oder darauf gerichtet ist. Erhalten Sie im Zusammenhang mit der Einräumung der Nutzungsrechte ebenfalls einen Schutzgegenstand, ohne dass eine vertragliche Verpflichtung hierzu besteht, so wird dies nicht als geschäftlicher Vorteil oder vertraglich geschuldete geldwerte Vergütung angesehen, wenn keine Zahlung oder geldwerte Vergütung in Verbindung mit dem Austausch der Schutzgegenstände geleistet wird (z.B. File-Sharing).

d. Wenn Sie den Schutzgegenstand oder eine Bearbeitung oder ein Sammelwerk vervielfältigen, verbreiten oder öffentlich wiedergeben, müssen Sie alle Urhebervermerke für den Schutzgegenstand unverändert lassen und die Urheberschaft oder Rechtsinhaberschaft in einer der von Ihnen vorgenommenen

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e. Obwohl die gemäss Ziffer 3 gewährten Nutzungsrechte in umfassender Weise ausgeübt werden dürfen, findet diese Erlaubnis ihre gesetzliche Grenze in den Persönlichkeitsrechten der Urheber und ausübenden Künstler, deren berechnigte geistige und persönliche Interessen bzw. deren Ansehen oder Ruf nicht dadurch gefährdet werden dürfen, dass ein Schutzgegenstand über das gesetzlich zulässige Mass hinaus beeinträchtigt wird.

5. Gewährleistung. Sofern dies von den Vertragsparteien nicht anderweitig schriftlich vereinbart,, bietet der Lizenzgeber keine Gewährleistung für die erteilten Rechte, außer für den Fall, dass Mängel arglistig verschwiegen wurden. Für Mängel anderer Art, insbesondere bei der mangelhaften Lieferung von Verkörperungen des Schutzgegenstandes, richtet sich die Gewährleistung nach der Regelung, die die Person, die Ihnen den Schutzgegenstand zur Verfügung stellt, mit Ihnen außerhalb dieser Lizenz vereinbart, oder - wenn eine solche Regelung nicht getroffen wurde - nach den gesetzlichen Vorschriften.

6. Haftung. Über die in Ziffer 5 genannte Gewährleistung hinaus haftet Ihnen der Lizenzgeber nur für Vorsatz und grobe Fahrlässigkeit.

7. Vertragsende

a. Dieser Lizenzvertrag und die durch ihn eingeräumten Nutzungsrechte enden automatisch bei jeder Verletzung der Vertragsbedingungen durch Sie. Für natürliche und juristische Personen, die von Ihnen eine Bearbeitung, eine Datenbank oder ein Sammelwerk unter diesen Lizenzbedingungen erhalten haben, gilt die Lizenz jedoch weiter, vorausgesetzt, diese natürlichen oder juristischen Personen erfüllen sämtliche Vertragsbedingungen. Die Ziffern 1, 2, 5, 6, 7 und 8 gelten bei einer Vertragsbeendigung fort.

b. Unter den oben genannten Bedingungen erfolgt die Lizenz auf unbegrenzte Zeit (für die Dauer des Schutzrechts). Dennoch behält sich der Lizenzgeber das Recht vor, den Schutzgegenstand unter anderen Lizenzbedingungen zu nutzen oder die eigene Weitergabe des Schutzgegenstandes jederzeit zu beenden, vorausgesetzt, dass solche Handlungen nicht dem Widerruf dieser Lizenz dienen (oder jeder anderen Lizenzierung, die auf Grundlage dieser Lizenz erfolgt ist oder erfolgen muss) und diese Lizenz wirksam bleibt, bis Sie unter den oben genannten Voraussetzungen endet.

8. Schlussbestimmungen

a. Jedes Mal, wenn Sie den Schutzgegenstand vervielfältigen, verbreiten oder öffentlich wiedergeben, bietet der Lizenzgeber dem Erwerber eine Lizenz für den Schutzgegenstand unter denselben Vertragsbedingungen an, unter denen er Ihnen die Lizenz eingeräumt hat.

b. Jedes Mal, wenn Sie eine Bearbeitung vervielfältigen, verbreiten oder öffentlich wiedergeben, bietet der Lizenzgeber dem Erwerber eine Lizenz für den ursprünglichen Schutzgegenstand unter denselben Vertragsbedingungen an, unter denen er Ihnen die Lizenz eingeräumt hat.

c. Sollte eine Bestimmung dieses Lizenzvertrages unwirksam sein, so wird die Wirksamkeit der übrigen Lizenzbestimmungen dadurch nicht berührt, und an die Stelle der unwirksamen Bestimmung tritt eine Ersatzregelung, die dem mit der unwirksamen Bestimmung angestrebten Zweck am nächsten kommt.

d. Nichts soll dahingehend ausgelegt werden, dass auf eine Bestimmung dieses Lizenzvertrages verzichtet oder einer Vertragsverletzung zugestimmt wird, so lange ein solcher Verzicht oder eine solche Zustimmung nicht schriftlich vorliegen und von der verzichtenden oder zustimmenden Vertragspartei unterschrieben sind

e. Dieser Lizenzvertrag stellt die vollständige Vereinbarung zwischen den Vertragsparteien hinsichtlich des Schutzgegenstandes dar. Es gibt keine weiteren ergänzenden Vereinbarungen oder mündlichen Abreden im Hinblick auf den Schutzgegenstand. Der Lizenzgeber ist an keine zusätzlichen Abreden gebunden, die aus irgendeiner

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f. Auf diesen Lizenzvertrag findet das Recht der Bundesrepublik Deutschland Anwendung.

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r#" 2.1

- a.
- b.
- c.
- d.
- e.
- f.

2

304918241924202102

3

7b

- a.
- b.
- c.
- d.
- e.
- f.
- g.

4

5

34

- a.
- b.
- c. URIUniform Resource Identifier
- d. URI
- e.
- f.
- g.
- h.
- i.
- j. 1234URIURIURI5
- k.

6

7

- a. 1249
- b. a
- c. ab

8

- a.
- b.
- c.
- d.

9

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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a. Der Begriff "Abwandlung" im Sinne dieser Lizenz bezeichnet das Ergebnis jeglicher Art von Veränderung des Schutzgegenstandes, solange die eigenpersönlichen Züge des Schutzgegenstandes darin nicht verblasen und daran eigene Schutzrechte entstehen. Das kann insbesondere eine Bearbeitung, Umgestaltung, Änderung, Anpassung, Übersetzung oder Heranziehung des Schutzgegenstandes zur Vertonung von Laufbildern sein. Nicht als Abwandlung des Schutzgegenstandes gelten seine Aufnahme in eine Sammlung oder ein Sammelwerk und die freie Benutzung des Schutzgegenstandes.

b. Der Begriff "Sammelwerk" im Sinne dieser Lizenz meint eine Zusammenstellung von literarischen, künstlerischen oder wissenschaftlichen

Inhalten, sofern diese Zusammenstellung aufgrund von Auswahl und Anordnung der darin enthaltenen selbständigen Elemente eine geistige Schöpfung darstellt, unabhängig davon, ob die Elemente systematisch oder methodisch angelegt und dadurch einzeln zugänglich sind oder nicht.

c. "Verbreiten" im Sinne dieser Lizenz bedeutet, den Schutzgegenstand oder Abwandlungen im Original oder in Form von Vervielfältigungsstücken, mithin in körperlich fixierter Form der Öffentlichkeit anzubieten oder in Verkehr zu bringen.

d. Unter "Lizenzelementen" werden im Sinne dieser Lizenz die folgenden bergeordneten Lizenzcharakteristika verstanden, die vom Lizenzgeber ausgewählt wurden und in der Bezeichnung der Lizenz zum Ausdruck kommen: "Namensnennung", "Keine kommerzielle Nutzung", "Weitergabe unter gleichen Bedingungen".

e. Der "Lizenzgeber" im Sinne dieser Lizenz ist diejenige natürliche oder juristische Person oder Gruppe, die den Schutzgegenstand unter den Bedingungen dieser Lizenz anbietet und insoweit als Rechteinhaberin auftritt.

f. "Rechteinhaber" im Sinne dieser Lizenz ist der Urheber des Schutzgegenstandes oder jede andere natürliche oder juristische Person oder Gruppe von Personen, die am Schutzgegenstand ein Immaterialgüterrecht erlangt hat, welches die in Abschnitt 3 genannten Handlungen erfasst und bei dem eine Einräumung von Nutzungsrechten oder eine Weitervertragung an Dritte möglich ist.

g. Der Begriff "Schutzgegenstand" bezeichnet in dieser Lizenz den literarischen, künstlerischen oder wissenschaftlichen Inhalt, der unter den Bedingungen dieser Lizenz angeboten wird. Das kann insbesondere eine persönliche geistige Schöpfung jeglicher Art, ein Werk der kleinen Münze, ein nachgelassenes Werk oder auch ein Lichtbild oder anderes Objekt eines verwandten Schutzrechts sein, unabhängig von der Art seiner Fixierung und unabhängig davon, auf welche Weise jeweils eine Wahrnehmung erfolgen kann, gleichviel ob in analoger oder digitaler Form. Soweit Datenbanken oder Zusammenstellungen von Daten einen immaterialgüterrechtlichen Schutz eigener Art genießen, unterfallen auch sie dem Begriff "Schutzgegenstand" im Sinne dieser Lizenz.

h. Mit "Sie" bzw. "Ihnen" ist die natürliche oder juristische Person gemeint, die in dieser Lizenz im Abschnitt 3 genannte Nutzungen des Schutzgegenstandes vornimmt und zuvor in Hinblick auf den Schutzgegenstand nicht gegen Bedingungen dieser Lizenz verstößt oder aber die ausdrückliche Erlaubnis des Lizenzgebers erhalten hat, die durch diese Lizenz gewährten Nutzungsrechte trotz eines vorherigen Verstoßes ausüben.

i. Unter "Öffentlich Zeigen" im Sinne dieser Lizenz sind Veröffentlichungen und Präsentationen des Schutzgegenstandes zu verstehen, die für eine Mehrzahl von Mitgliedern der Öffentlichkeit bestimmt sind und in körperlicher Form mittels öffentlicher Wiedergabe in Form von Vortrag, Aufführung, Vorführung, Darbietung, Sendung, Weitersendung, zeit- und ortsunabhängiger Zugänglichmachung oder in körperlicher Form mittels Ausstellung erfolgen, unabhängig von bestimmten Veranstaltungen und unabhängig von den zum Einsatz kommenden Techniken und Verfahren, einschließlich drahtgebundener oder drahtloser Mittel und Einstellen in das Internet.

j. "Vervielfältigen" im Sinne dieser Lizenz bedeutet, mittels beliebiger Verfahren Vervielfältigungsstücke des Schutzgegenstandes herzustellen, insbesondere durch Ton- oder Bildaufzeichnungen, und umfasst auch den Vorgang, erstmals körperliche Fixierungen des Schutzgegenstandes sowie Vervielfältigungsstücke dieser Fixierungen anzufertigen, sowie die Übertragung des Schutzgegenstandes auf einen Bild- oder Tonträger oder auf ein anderes elektronisches Medium, gleichviel ob in digitaler oder analoger Form.

2. Schranken des Immaterialgterrechts. Diese Lizenz ist in keiner Weise darauf gerichtet, Befugnisse zur Nutzung des Schutzgegenstandes zu vermindern, zu beschrnken oder zu vereiteln, die Ihnen aufgrund der Schranken des Urheberrechts oder anderer Rechtsnormen bereits ohne Weiteres zustehen oder sich aus dem Fehlen eines immaterialgterrechtlichen Schutzes ergeben.

3. Einrumung von Nutzungsrechten. Unter den Bedingungen dieser Lizenz rumt Ihnen der Lizenzgeber - unbeschadet unverzichtbarer Rechte und vorbehaltlich des Abschnitts 4.f) - das vergtungsfreie, rumlich und zeitlich (fr die Dauer des Schutzrechts am Schutzgegenstand) unbeschrnkte einfache Recht ein, den Schutzgegenstand auf die folgenden Arten und Weisen zu nutzen ("unentgeltlich eingerumtes einfaches Nutzungsrecht fr jedermann"):

a. Den Schutzgegenstand in beliebiger Form und Menge zu vervielfltigen, ihn in Sammelwerke zu integrieren und ihn als Teil solcher Sammelwerke zu vervielfltigen;

b. Abwandlungen des Schutzgegenstandes anzufertigen, einschlielich bersetzungen unter Nutzung jedweder Medien, sofern deutlich erkennbar gemacht wird, dass es sich um Abwandlungen handelt;

c. den Schutzgegenstand, allein oder in Sammelwerke aufgenommen, ffentlich zu zeigen und zu verbreiten;

d. Abwandlungen des Schutzgegenstandes zu verffentlichen, ffentlich zu zeigen und zu verbreiten.

Das vorgenannte Nutzungsrecht wird fr alle bekannten sowie fr alle noch nicht bekannten Nutzungsarten eingerumt. Es beinhaltet auch das Recht, solche nderungen am Schutzgegenstand vorzunehmen, die fr bestimmte nach dieser Lizenz zulssige Nutzungen technisch erforderlich sind. Alle sonstigen Rechte, die ber diesen Abschnitt hinaus nicht ausdrcklich durch den Lizenzgeber eingerumt werden, bleiben diesem allein vorbehalten. Soweit Datenbanken oder Zusammenstellungen von Daten Schutzgegenstand dieser Lizenz oder Teil dessen sind und einen immaterialgterrechtlichen Schutz eigener Art genieen, verzichtet der Lizenzgeber auf smtliche aus diesem Schutz resultierenden Rechte.

4. Bedingungen. Die Einrumung des Nutzungsrechts gem Abschnitt 3 dieser Lizenz erfolgt ausdrcklich nur unter den folgenden Bedingungen:

a. Sie drfen den Schutzgegenstand ausschlielich unter den Bedingungen dieser Lizenz verbreiten oder ffentlich zeigen. Sie mssen dabei stets eine Kopie dieser Lizenz oder deren vollstndige Internetadresse in Form des Uniform-Resource-Identifier (URI) beifgen. Sie drfen keine Vertrags- oder Nutzungsbedingungen anbieten oder fordern, die die Bedingungen dieser Lizenz oder die durch diese Lizenz gewhrten Rechte beschrnken. Sie drfen den Schutzgegenstand nicht unterlizenzieren. Bei jeder Kopie des Schutzgegenstandes, die Sie verbreiten oder ffentlich zeigen, mssen Sie alle Hinweise unverndert lassen, die auf diese Lizenz und den Haftungsausschluss hinweisen. Wenn Sie den Schutzgegenstand verbreiten oder ffentlich zeigen, drfen Sie (in Bezug auf den Schutzgegenstand) keine technischen Manahmen ergreifen, die den Nutzer des Schutzgegenstandes in der Ausbung der ihm durch diese Lizenz gewhrten Rechte behindern knnen. Dieser Abschnitt 4.a) gilt auch fr den Fall, dass der Schutzgegenstand einen Bestandteil eines Sammelwerkes bildet, was jedoch nicht bedeutet,

dass das Sammelwerk insgesamt dieser Lizenz unterstellt werden muss. Sofern Sie ein Sammelwerk erstellen, mssen Sie auf die Mitteilung eines Lizenzgebers hin aus dem Sammelwerk die in Abschnitt 4.d) aufgezhlten Hinweise entfernen. Wenn Sie eine Abwandlung vornehmen, mssen Sie auf die Mitteilung eines Lizenzgebers hin von der Abwandlung die in Abschnitt 4.d) aufgezhlten Hinweise entfernen.

b. Sie dürfen eine Abwandlung ausschließlich unter den Bedingungen

i. dieser Lizenz,

ii. einer späteren Version dieser Lizenz mit denselben Lizenzelementen;

iii. einer rechtsordnungsspezifischen Creative-Commons-Lizenz mit denselben Lizenzelementen ab Version 3.0 aufwärts (z.B. Namensnennung - Keine kommerzielle Nutzung - Weitergabe unter gleichen Bedingungen 3.0 US) oder

iv. der Creative-Commons-Attribution-Lizenz mit denselben Lizenzelementen ab Version 3.0 aufwärts

verbreiten oder öffentlich zeigen ("Verwendbare Lizenz").

Sie müssen stets eine

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c. Die Rechteeinräumung

gem Abschnitt 3 gilt nur für Handlungen, die nicht vorrangig auf einen geschäftlichen Vorteil oder eine geldwerte Vergütung gerichtet sind ("nicht-kommerzielle Nutzung", "Non-commercial-Option"). Wird Ihnen in Zusammenhang mit dem Schutzgegenstand dieser Lizenz ein anderer Schutzgegenstand berlassen, ohne dass eine vertragliche Verpflichtung hierzu besteht (etwa im Wege von File-Sharing), so wird dies nicht als auf geschäftlichen Vorteil oder geldwerte Vergütung gerichtet angesehen, wenn in Verbindung mit dem Austausch der Schutzgegenstände tatsächlich keine Zahlung oder geldwerte Vergütung geleistet wird.

d. Die Verbreitung und das öffentliche Zeigen des Schutzgegenstandes oder auf ihm aufbauender Abwandlungen oder ihn enthaltender Sammelwerke ist Ihnen nur unter der Bedingung gestattet, dass Sie, vorbehaltlich etwaiger Mitteilungen im Sinne von Abschnitt 4.a), alle dazu gehörenden Rechtevermerke unberührt lassen. Sie sind verpflichtet, die Rechteinhaberschaft in einer der Nutzung entsprechenden, angemessenen Form anzuerkennen, indem Sie - soweit bekannt - Folgendes angeben:

i. Den Namen (oder das Pseudonym, falls ein solches verwendet wird) des Rechteinhabers und / oder, falls der Lizenzgeber im Rechtevermerk, in den Nutzungsbedingungen oder auf andere angemessene Weise eine Zuschreibung an Dritte vorgenommen hat (z.B. an eine Stiftung, ein Verlagshaus oder eine Zeitung) ("Zuschreibungsempfänger"), Namen bzw. Bezeichnung dieses oder dieser Dritten;

ii. den Titel des Inhaltes;

iii. in einer praktikablen Form den Uniform-Resource-Identifier (URI, z.B. Internetadresse), den der Lizenzgeber zum Schutzgegenstand angegeben hat, es sei denn, dieser URI verweist nicht auf den Rechtevermerk oder die Lizenzinformationen zum Schutzgegenstand;

iv. und im Falle einer Abwandlung des Schutzgegenstandes in bereinstimmung mit Abschnitt 3.b) einen Hinweis darauf, dass es sich um eine Abwandlung handelt.

Die nach diesem Abschnitt

4.d) erforderlichen Angaben können in jeder angemessenen Form gemacht werden; im Falle einer Abwandlung des Schutzgegenstandes oder eines Sammelwerkes müssen diese Angaben das Minimum darstellen und bei gemeinsamer Nennung mehrerer Rechteinhaber dergestalt erfolgen, dass sie zumindest ebenso hervorgehoben sind wie die Hinweise auf die übrigen Rechteinhaber. Die Angaben nach diesem Abschnitt dürfen Sie ausschließlich zur Angabe der Rechteinhaberschaft in der oben bezeichneten Weise verwenden. Durch die Ausübung Ihrer Rechte aus dieser Lizenz dürfen Sie ohne eine vorherige, separat und schriftlich vorliegende Zustimmung des Lizenzgebers und / oder des Zuschreibungsempfängers weder explizit noch implizit irgendeine Verbindung zum Lizenzgeber oder Zuschreibungsempfänger und ebenso wenig eine Unterstützung oder Billigung durch ihn andeuten.

e. Die oben unter 4.a) bis d) genannten Einschränkungen gelten nicht für solche Teile des Schutzgegenstandes, die allein deshalb unter den Schutzgegenstandsbegriff fallen, weil sie als Datenbanken oder Zusammenstellungen von Daten einen immaterialgüterrechtlichen Schutz eigener Art genießen.

f. Bezüglich Vergütung für die Nutzung des Schutzgegenstandes gilt Folgendes:

i. Unverzichtbare gesetzliche Vergütungsansprüche: Soweit unverzichtbare Vergütungsansprüche im Gegenzug für gesetzliche Lizenzen vorgesehen oder Pauschalabgabensysteme (zum Beispiel für Leermedien) vorhanden sind, behält sich der Lizenzgeber das ausschließliche Recht vor, die entsprechende Vergütung einzuziehen für jede Ausübung eines Rechts aus dieser Lizenz durch Sie.

ii. Vergütung bei Zwangslizenzen: Sofern Zwangslizenzen außerhalb dieser Lizenz vorgesehen sind und zustande kommen, behält sich der Lizenzgeber das ausschließliche Recht auf Einziehung der entsprechenden Vergütung für den Fall vor, dass Sie eine Nutzung des Schutzgegenstandes für andere als die in Abschnitt 4.c) als nicht-kommerziell definierten Zwecke vornehmen, verzichtet für alle übrigen, lizenzgerechten Fälle von Nutzung jedoch auf jegliche Vergütung.

iii. Vergütung in sonstigen Fällen: Bezüglich lizenzgerechter Nutzung des Schutzgegenstandes durch Sie, die nicht unter die beiden vorherigen Abschnitte (i) und (ii) fällt, verzichtet der Lizenzgeber auf jegliche Vergütung, unabhängig davon, ob eine Einziehung der Vergütung durch ihn selbst oder nur durch eine Verwertungsgesellschaft möglich wäre. Der Lizenzgeber behält sich jedoch das ausschließliche Recht auf Einziehung der entsprechenden Vergütung (durch ihn selbst oder eine Verwertungsgesellschaft) für den Fall vor, dass Sie eine Nutzung des Schutzgegenstandes für andere als die in Abschnitt 4.c) als nicht-kommerziell definierten Zwecke vornehmen.

g. Persönlichkeitsrechte bleiben - soweit sie bestehen - von dieser Lizenz unberührt.

5. Gewährleistung

SOFERN KEINE ANDERS LAUTENDE, SCHRIFTLICHE VEREINBARUNG ZWISCHEN DEM LIZENZGEBER UND IHNEN GESCHLOSSEN WURDE UND SOWEIT MANGEL NICHT ARGLISTIG

VERSCHWIEGEN WURDEN, BIETET DER LIZENZGEBER DEN SCHUTZGEGENSTAND UND DIE EINRUMUNG VON RECHTEN UNTER AUSSCHLUSS JEGLICHER GEWHRLEISTUNG AN UND BERNIMMT WEDER AUSDRÜCKLICH NOCH KONKLUDENT GARANTIE IRGEND EINER ART. DIES UMFASST INSBESONDERE DAS FREISEIN VON SACH- UND RECHTSMANGELN, UNABHÄNGIG VON DEREN ERKENNBARKEIT FÜR DEN LIZENZGEBER, DIE VERKEHRSFÄHIGKEIT DES SCHUTZGEGENSTANDES, SEINE VERWENDBARKEIT FÜR EINEN BESTIMMTEN ZWECK SOWIE DIE KORREKTHEIT VON BESCHREIBUNGEN. DIESE GEWHRLEISTUNGSBESCHRÄNKUNG GILT NICHT, SOWEIT MANGEL ZU SCHÄDEN DER IN ABSCHNITT 6 BEZEICHNETEN ART FÜHREN UND AUF SEITEN DES LIZENZGEBERS DAS JEWEILS GENANNT VERSCHELDEN BZW. VERTRETENMISSEN EBENFALLS VORLIEGT.

6. Haftungsbeschränkung

DER LIZENZGEBER HAFTET IHNEN GEGENÜBER IN BEZUG AUF SCHÄDEN AUS DER VERLETZUNG DES LEBENS, DES KÖRPERS ODER DER GESUNDHEIT NUR, SOFERN IHM WENIGSTENS FAHRLÄSSIGKEIT VORZUWERFEN IST, FÜR SONSTIGE SCHÄDEN NUR BEI GROBER FAHRLÄSSIGKEIT ODER VORSATZ, UND BERNIMMT DARÜBER HINAUS KEINERLEI FREIWILLIGE HAFTUNG.

7. Erscheinen

a. Diese Lizenz und

die durch sie eingeräumten Nutzungsrechte erscheinen mit Wirkung für die Zukunft im Falle eines Verstosses gegen die Lizenzbedingungen durch Sie, ohne dass es dazu der Kenntnis des Lizenzgebers vom Verstoß oder einer weiteren Handlung einer der Vertragsparteien bedarf. Mit natürlichen oder juristischen Personen, die Abwandlungen des Schutzgegenstandes oder diesen enthaltende Sammelwerke unter den Bedingungen dieser Lizenz von Ihnen erhalten haben, bestehen nachträglich entstandene Lizenzbeziehungen jedoch solange weiter, wie die genannten Personen sich ihrerseits an sämtliche Lizenzbedingungen halten. Darüber hinaus gelten die Ziffern 1, 2, 5, 6, 7, und 8 auch nach einem Erscheinen dieser Lizenz fort.

b. Vorbehaltlich der oben genannten Bedingungen gilt diese Lizenz unbefristet bis der rechtliche Schutz für den Schutzgegenstand ausläuft. Davon abgesehen behält der Lizenzgeber das Recht, den Schutzgegenstand unter anderen Lizenzbedingungen anzubieten oder die eigene Weitergabe des Schutzgegenstandes jederzeit einzustellen, solange die Ausübung dieses Rechts nicht einer Kündigung oder einem Widerruf dieser Lizenz (oder irgendeiner Weiterlizenzierung, die auf Grundlage dieser Lizenz bereits erfolgt ist bzw. zukünftig noch erfolgen muss) dient und diese Lizenz unter Berücksichtigung der oben zum Erscheinen genannten Bedingungen vollumfänglich wirksam bleibt.

8. Sonstige Bestimmungen

a. Jedes Mal wenn Sie den Schutzgegenstand für sich genommen oder als Teil eines Sammelwerkes verbreiten oder öffentlich zeigen, bietet der Lizenzgeber dem Empfänger eine Lizenz zu den gleichen Bedingungen und im gleichen Umfang an, wie Ihnen in Form dieser Lizenz.

b. Jedes Mal wenn Sie eine Abwandlung des Schutzgegenstandes verbreiten oder öffentlich zeigen, bietet der Lizenzgeber dem Empfänger eine Lizenz am ursprünglichen Schutzgegenstand zu den gleichen Bedingungen und im gleichen Umfang an, wie Ihnen in Form dieser Lizenz.

c. Sollte eine Bestimmung dieser Lizenz unwirksam sein, so bleibt

davon die Wirksamkeit der Lizenz im brigen unberhrt.

d. Keine Bestimmung dieser Lizenz soll als abbedungen und kein Versto gegen sie als zulssig gelten, solange die von dem Verzicht oder von dem Versto betroffene Seite nicht schriftlich zugestimmt hat.

e. Diese Lizenz (zusammen mit in ihr ausdrcklich vorgesehenen Erlaubnissen, Mitteilungen und Zustimmungen, soweit diese tatschlich vorliegen) stellt die vollstndige Vereinbarung zwischen dem Lizenzgeber und Ihnen in Bezug auf den Schutzgegenstand dar. Es bestehen keine Abreden, Vereinbarungen oder Erklrungen in Bezug auf den Schutzgegenstand, die in dieser Lizenz nicht genannt sind. Rechtsgeschftliche nderungen des Verhltnisses zwischen dem Lizenzgeber und Ihnen sind nur ber Modifikationen dieser Lizenz mglich. Der Lizenzgeber ist an etwaige zuzstliche, einseitig durch Sie bermittelte Bestimmungen nicht gebunden. Diese Lizenz kann nur durch schriftliche Vereinbarung zwischen Ihnen und dem Lizenzgeber modifiziert werden. Derlei Modifikationen wirken ausschlielich zwischen dem Lizenzgeber und Ihnen und wirken sich nicht auf die Dritten gem Ziffern 8.a) und b) angeboteten Lizenzen aus.

f. Sofern zwischen Ihnen und dem Lizenzgeber keine anderweitige Vereinbarung getroffen wurde und soweit Wahlfreiheit besteht, findet auf diesen Lizenzvertrag das Recht der Bundesrepublik Deutschland Anwendung.

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//! `ioctl` opcode behavior for BSD platforms.

use super::{Direction, Opcode};

```
pub(super) const fn compose_opcode(
    dir: Direction,
    group: Opcode,
    num: Opcode,
    size: Opcode,
) -> Opcode {
    let dir = match dir {
        Direction::None => NONE,
        Direction::Read => READ,
        Direction::Write => WRITE,
        Direction::ReadWrite => READ | WRITE,
    };

    dir | num | (group << 8) | ((size & IOCPARAM_MASK) << 16)
}
```

```
// `IOC_VOID`
pub const NONE: Opcode = 0x2000_0000;
// `IOC_OUT` (out is from the perspective of the kernel)
pub const READ: Opcode = 0x4000_0000;
// `IOC_IN` (in is from the perspective of the kernel)
pub const WRITE: Opcode = 0x8000_0000;
pub const IOCPARAM_MASK: Opcode = 0x1FFF;
r#"Copyright (C) 2002 Naval Research Laboratory (NRL/CCS)
```

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- 2) SHA-256: Wei Dai (Crypto++ library)

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//! `ioctl` opcode behavior for BSD platforms.

```
use super::{Direction, RawOpcode};
```

```
pub(super) const fn compose_opcode(
    dir: Direction,
    group: RawOpcode,
    num: RawOpcode,
    size: RawOpcode,
) -> RawOpcode {
    let dir = match dir {
        Direction::None => NONE,
        Direction::Read => READ,
        Direction::Write => WRITE,
        Direction::ReadWrite => READ | WRITE,
    };

    dir | num | (group << 8) | ((size & IOCPARAM_MASK) << 16)
}

// `IOC_VOID`
```



```
pub const NONE: RawOpcode = 0x2000_0000;
// `IOC_OUT` (out is from the perspective of the kernel)
pub const READ: RawOpcode = 0x4000_0000;
// `IOC_IN` (in is from the perspective of the kernel)
pub const WRITE: RawOpcode = 0x8000_0000;
pub const IOCPARAM_MASK: RawOpcode = 0x1FFF;
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```

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Version 1.0 dated 2006-09-05.

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Version 3, 29 June 2007

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By Shawn Hargreaves, 18 October 1998.

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Contrat

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L'exercice sur l'Oeuvre de tout droit proposé par le présent contrat vaut acceptation de celui-ci. Selon les termes et les obligations du présent contrat, la partie Offrante propose à la partie Acceptante l'exercice de certains droits présents ci-après, et l'Acceptant en approuve les termes et conditions d'utilisation.

1. Définitions

- a. Oeuvre : oeuvre de l'esprit protégeable par le droit de la propriété littéraire et artistique ou toute loi applicable et qui est mise à disposition selon les termes du présent Contrat.
- b. Oeuvre dite Collective : une oeuvre dans laquelle l'oeuvre, dans sa forme intégrale et non modifiée, est assemblée en un ensemble collectif avec d'autres contributions qui constituent en elles-mêmes des oeuvres séparées et indépendantes. Constituent notamment des Oeuvres dites Collectives les publications périodiques, les anthologies ou les encyclopédies. Aux termes de la présente autorisation, une oeuvre qui constitue une Oeuvre dite Collective ne sera pas considérée comme une Oeuvre dite Drive (telle que définie ci-après).
- c. Oeuvre dite Drive : une oeuvre créée soit à partir de l'Oeuvre seule, soit à partir de l'Oeuvre et d'autres oeuvres préexistantes. Constituent notamment des Oeuvres dites Drives les traductions, les arrangements musicaux, les adaptations théâtrales, littéraires ou cinématographiques, les enregistrements sonores, les reproductions par un art ou un procédé quelconque, les résumés, ou toute autre forme sous laquelle l'Oeuvre puisse être remaniée, modifiée, transformée ou adaptée, l'exception d'une oeuvre qui constitue une Oeuvre dite Collective. Une Oeuvre dite Collective ne sera pas considérée comme une Oeuvre dite Drive aux termes du présent Contrat. Dans le cas où l'Oeuvre serait une composition musicale ou un enregistrement sonore, la synchronisation de l'oeuvre avec une image animée sera considérée comme une Oeuvre dite Drive pour les propos de ce Contrat.
- d. Auteur original : la ou les personnes

physiques qui ont cr l'Oeuvre.

e. Offrant : la ou les personne(s) physique(s) ou morale(s) qui proposent la mise disposition de l'Oeuvre selon les termes du prsent Contrat.

f. Acceptant : la personne physique ou morale qui accepte le prsent contrat et exerce des droits sans en avoir viol les termes au pralable ou qui a reu l'autorisation expresse de l'Offrant d'exercer des droits dans le cadre du prsent contrat malgr une prcdente violation de ce contrat.

g. Options du Contrat : les attributs gnriques du Contrat tels qu'ils ont t choisis par l'Offrant et indiqus dans le titre de ce Contrat : Paternit - Pas d'Utilisation Commerciale - Partage Des Conditions Initiales A l'Identique.

2. Exceptions aux droits exclusifs. Aucune disposition de ce contrat n'a pour intention de rduire, limiter ou restreindre les prrogatives issues des exceptions aux droits, de l'puisement des droits ou d'autres limitations aux droits exclusifs des ayants droit selon le droit de la propriit littraire et artistique ou les autres lois applicables.

3. Autorisation. Soumis aux termes et conditions dfinis dans cette autorisation, et ceci pendant toute la dure de protection de l'Oeuvre par le droit de la propriit littraire et artistique ou le droit applicable, l'Offrant accorde l'Acceptant l'autorisation mondiale d'exercer titre gratuit et non exclusif les droits suivants :

a. reproduire l'Oeuvre, incorporer l'Oeuvre dans une ou plusieurs Oeuvres dites Collectives et reproduire l'Oeuvre telle qu'incorpore dans lesdites Oeuvres dites Collectives;

b. crer et reproduire des Oeuvres dites Drives;

c. distribuer des exemplaires ou enregistrements, prsenter, reprsenter ou communiquer l'Oeuvre au public par tout procd technique, y compris incorpore dans des Oeuvres Collectives;

d. distribuer des exemplaires ou phonogrammes, prsenter, reprsenter ou communiquer au public des Oeuvres dites Drives par tout procd technique;

e. lorsque l'Oeuvre est une base de donnes, extraire et rutiliser des parties substantielles de l'Oeuvre.

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4. Restrictions. L'autorisation accorde par l'article 3 est expressment assujettie et limite par le respect des restrictions suivantes :

a. L'Acceptant peut reproduire, distribuer, reprsenter ou communiquer au public l'Oeuvre y compris par voie numrique uniquement selon les termes de ce Contrat. L'Acceptant doit inclure une copie ou l'adresse Internet (Identifiant Uniforme de Ressource) du prsent Contrat toute reproduction

ou enregistrement de l'Oeuvre que l'Acceptant distribue, représente ou communique au public y compris par voie numérique. L'Acceptant ne peut pas offrir ou imposer de conditions d'utilisation de l'Oeuvre qui altèrent ou restreignent les termes du présent Contrat ou l'exercice des droits qui y sont accordés au bénéficiaire. L'Acceptant ne peut pas céder de droits sur l'Oeuvre. L'Acceptant doit conserver intactes toutes les informations qui renvoient ce Contrat et l'exonération de responsabilité. L'Acceptant ne peut pas reproduire, distribuer, représenter ou communiquer au public l'Oeuvre, y compris par voie numérique, en utilisant une mesure technique de contrôle d'accès ou de contrôle d'utilisation qui serait contradictoire avec les termes de cet Accord contractuel. Les mentions ci-dessus s'appliquent à l'Oeuvre telle qu'incorpore dans une Oeuvre dite Collective, mais, en dehors de l'Oeuvre en elle-même, ne soumettent pas l'Oeuvre dite Collective, aux termes du présent Contrat. Si l'Acceptant crée une Oeuvre dite Collective, la demande de tout Offrant, il devra, dans la mesure du possible, retirer de l'Oeuvre dite Collective toute référence au dit Offrant, comme demandé. Si l'Acceptant crée une Oeuvre dite Collective, la demande de tout Auteur, il devra, dans la mesure du possible, retirer de l'Oeuvre dite Collective toute référence au dit Auteur, comme demandé. Si l'Acceptant crée une Oeuvre dite Drive, la demande de tout Offrant, il devra, dans la mesure du possible, retirer de l'Oeuvre dite Drive toute référence au dit Offrant, comme demandé. Si l'Acceptant crée une Oeuvre dite Drive, la demande de tout Auteur, il devra, dans la mesure du possible, retirer de l'Oeuvre dite Drive toute référence au dit Auteur, comme demandé.

b. L'Acceptant peut reproduire, distribuer, représenter ou communiquer au public une Oeuvre dite Drive y compris par voie numérique uniquement sous les termes de ce Contrat, ou d'une version ultérieure de ce Contrat comprenant les mêmes Options du Contrat que le présent Contrat, ou un Contrat Creative Commons iCommons comprenant les mêmes Options du Contrat que le présent Contrat (par exemple Paternit - Pas d'Utilisation Commerciale - Partage Des Conditions Initiales A l'Identique 2.0 Japon). L'Acceptant doit inclure une copie ou l'adresse Internet (Identifiant Uniforme de Ressource) du présent Contrat, ou d'un autre Contrat tel que décrit la phrase précédente, toute reproduction ou enregistrement de l'Oeuvre dite Drive que l'Acceptant distribue, représente ou communique au public y compris par voie numérique. L'Acceptant ne peut pas offrir ou imposer de conditions d'utilisation sur l'Oeuvre dite Drive qui altèrent ou restreignent les termes du présent Contrat ou l'exercice des droits qui y sont accordés au bénéficiaire, et doit conserver intactes toutes les informations qui renvoient ce Contrat et l'avertissement sur les garanties. L'Acceptant ne peut pas reproduire, distribuer, représenter ou communiquer au public y compris par voie numérique l'Oeuvre dite Drive en utilisant une mesure technique de contrôle d'accès ou de contrôle d'utilisation qui serait contradictoire avec les termes de cet Accord contractuel. Les mentions ci-dessus s'appliquent à l'Oeuvre dite Drive telle qu'incorpore dans une Oeuvre dite Collective, mais, en dehors de l'Oeuvre dite Drive en elle-même, ne soumettent pas l'Oeuvre Collective, aux termes du présent Contrat.

c. L'Acceptant ne peut exercer aucun des droits conférés par l'article 3 avec l'intention ou l'objectif d'obtenir un profit commercial ou une compensation financière personnelle. L'échange de l'Oeuvre avec d'autres Oeuvres protégées par le droit de la propriété littéraire et artistique par le partage électronique de fichiers, ou par tout autre moyen, n'est pas considéré comme un échange avec l'intention ou l'objectif d'un profit commercial ou d'une compensation financière personnelle, dans la mesure où aucun paiement ou compensation financière n'intervient en relation avec l'échange d'Oeuvres protégées.

d. Si l'Acceptant reproduit, distribue, représente ou communique au public, y compris par voie numérique, l'Oeuvre ou toute Oeuvre dite Drive ou toute Oeuvre dite Collective, il doit conserver intactes toutes les informations sur le régime des droits et en attribuer la paternité à l'Auteur Original, de manière raisonnable au regard du médium ou du moyen utilisé. Il doit communiquer le nom de l'Auteur Original ou son éventuel pseudonyme s'il est indiqué ; le titre de l'Oeuvre Originale s'il est indiqué ; dans la mesure du possible, l'adresse Internet ou l'Identifiant Uniforme de Ressource (URI), s'il existe, spécifié par l'Offrant comme associé à l'Oeuvre, moins que cette adresse ne renvoie pas aux informations légales (paternité

et conditions d'utilisation de l'Oeuvre). Dans le cas d'une Oeuvre dite Drive, il doit indiquer les éléments identifiant l'utilisation l'Oeuvre dans l'Oeuvre dite Drive par exemple Traduction anglaise de l'Oeuvre par l'Auteur Original ou Scénario bas sur l'Oeuvre par l'Auteur Original .

Ces obligations d'attribution de paternité doivent être exécutées de manière raisonnable. Cependant, dans le cas d'une Oeuvre dite Drive ou d'une Oeuvre dite Collective, ces informations doivent, au minimum, apparaître à la place et de manière aussi visible que celles à laquelle apparaissent les informations de même nature.

e. Dans le cas où une utilisation de l'Oeuvre serait soumise à un régime légal de gestion collective obligatoire, l'Offrant se réserve le droit exclusif de collecter ces redevances par l'intermédiaire de la société de perception et de répartition des droits compétente. Sont notamment concernés la radiodiffusion et la communication dans un lieu public de phonogrammes publiés des fins de commerce, certains cas de retransmission par câble et satellite, la copie privée d'Oeuvres fixes sur phonogrammes ou vidéogrammes, la reproduction par reprographie.

5. Garantie et exonération de responsabilité

a. En mettant l'Oeuvre à disposition du public selon les termes de ce Contrat, l'Offrant déclare de bonne foi qu'à sa connaissance et dans les limites d'une enquête raisonnable :

i. L'Offrant a obtenu tous les droits sur l'Oeuvre nécessaires pour pouvoir autoriser l'exercice des droits accordés par le présent Contrat, et permettre la jouissance paisible et l'exercice licite de ces droits, ceci sans que l'Acceptant n'ait aucune obligation de verser de rémunération ou tout autre paiement ou droits, dans la limite des mécanismes de gestion collective obligatoire applicables décrits à l'article 4(e);

ii. L'Oeuvre n'est constitutive ni d'une violation des droits de tiers, notamment du droit de la propriété littéraire et artistique, du droit des marques, du droit de l'information, du droit civil ou de tout autre droit, ni de diffamation, de violation de la vie privée ou de tout autre préjudice d'ordre moral ou matériel à l'égard de toute tierce partie.

b. À l'exception des situations expressément mentionnées dans le présent Contrat ou dans un autre accord écrit, ou exigées par la loi applicable, l'Oeuvre est mise à disposition en l'état sans garantie d'aucune sorte, qu'elle soit expresse ou tacite, y compris à l'égard du contenu ou de l'exactitude de l'Oeuvre.

6. Limitation de responsabilité. À l'exception des garanties d'ordre public imposées par la loi applicable et des réparations imposées par le régime de la responsabilité vis-à-vis d'un tiers en raison de la violation des garanties prévues par l'article 5 du présent contrat, l'Offrant ne sera en aucun cas tenu responsable vis-à-vis de l'Acceptant, sur la base d'aucune théorie légale ni en raison d'aucun préjudice direct, indirect, matériel ou moral, résultant de l'exécution du présent Contrat ou de l'utilisation de l'Oeuvre, y compris dans l'hypothèse où l'Offrant avait connaissance de la possible existence d'un tel préjudice.

7. Résiliation

a. Tout manquement aux termes du contrat par l'Acceptant entraîne la résiliation automatique du Contrat et la fin des droits qui en découlent. Cependant, le contrat conserve ses effets envers les personnes physiques ou morales qui ont reçu de la part de l'Acceptant, en exécution du présent contrat, la mise à disposition d'Oeuvres dites Drives, ou d'Oeuvres dites Collectives, ceci tant qu'elles respectent pleinement leurs obligations. Les sections 1, 2, 5, 6 et 7 du contrat continuent s'appliquer après la résiliation de celui-ci.

b. Dans les limites indiquées ci-dessus, le présent Contrat s'applique pendant toute la durée de protection de l'Oeuvre selon le droit applicable. Néanmoins, l'Offrant se réserve tout moment le droit d'exploiter l'Oeuvre sous des conditions contractuelles différentes, ou d'en cesser la diffusion; cependant, le recours à cette option ne doit pas conduire à retirer les effets du présent Contrat (ou de tout contrat qui a été ou doit être accordé selon les termes de ce Contrat), et ce Contrat continuera d'appliquer dans tous ses effets jusqu'à ce que sa résiliation intervienne dans les conditions décrites ci-dessus.

8. Divers

a. À chaque reproduction ou communication au public par voie numérique de l'Oeuvre ou d'une Oeuvre dite Collective par l'Acceptant, l'Offrant propose au bénéficiaire une offre de mise à disposition de l'Oeuvre dans des termes et conditions identiques à ceux accordés à la partie Acceptante dans le présent Contrat.

b. À chaque reproduction ou communication au public par voie numérique d'une Oeuvre dite Drive par l'Acceptant, l'Offrant propose au bénéficiaire une offre de mise à disposition du bénéficiaire de l'Oeuvre originale dans des termes et conditions identiques à ceux accordés à la partie Acceptante dans le présent Contrat.

c. La nullité ou l'inapplicabilité d'une quelconque disposition de ce Contrat au regard de la loi applicable n'affecte pas celle des autres dispositions qui resteront pleinement valides et applicables. Sans action supplémentaire par les parties à cet accord, lesdites dispositions devront être interprétées dans la mesure minimum nécessaire à leur validité et leur applicabilité.

d. Aucune limite, renonciation ou modification des termes ou dispositions du présent Contrat ne pourra être acceptée sans le consentement écrit et signé de la partie compétente.

e. Ce Contrat constitue le seul accord entre les parties en ce qui concerne la mise à disposition de l'Oeuvre. Il n'existe aucun document annexe, accord supplémentaire ou mandat portant sur cette Oeuvre en dehors des éléments mentionnés ici. L'Offrant ne sera tenu par aucune disposition supplémentaire qui pourrait apparaître dans une quelconque communication en provenance de l'Acceptant. Ce Contrat ne peut être modifié sans l'accord mutuel écrit de l'Offrant et de l'Acceptant.

f. Le droit applicable est le droit français.

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1. INTRODUCTION

The Fraunhofer FDK AAC Codec Library for Android ("FDK AAC Codec") is software that implements the MPEG Advanced Audio Coding ("AAC") encoding and decoding scheme for digital audio.

This FDK AAC Codec software is intended to be used on a wide variety of Android devices.

AAC's HE-AAC and HE-AAC v2 versions are regarded as today's most efficient general perceptual audio codecs. AAC-ELD is considered the best-performing full-bandwidth communications codec by independent studies and is widely deployed. AAC has been standardized by ISO and IEC as part of the MPEG specifications.

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```
/// The datatype used for the ioctl number
#[doc(hidden)]
#[cfg(not(solarish))]
pub type ioctl_num_type = ::libc::c_ulong;
```

```
#[doc(hidden)]
#[cfg(solarish)]
pub type ioctl_num_type = ::libc::c_int;
```

```
/// The datatype used for the 3rd argument
#[doc(hidden)]
pub type ioctl_param_type = ::libc::c_int;
```

```
mod consts {
    use crate::sys::ioctl::ioctl_num_type;
    #[doc(hidden)]
```

```

pub const VOID: ioctl_num_type = 0x2000_0000;
#[doc(hidden)]
pub const OUT: ioctl_num_type = 0x4000_0000;
#[doc(hidden)]
#[allow(overflowing_literals)]
pub const IN: ioctl_num_type = 0x8000_0000;
#[doc(hidden)]
pub const INOUT: ioctl_num_type = IN | OUT;
#[doc(hidden)]
pub const IOCPARM_MASK: ioctl_num_type = 0x1fff;
}

pub use self::consts::*;

#[macro_export]
#[doc(hidden)]
macro_rules! ioc {
    ($inout:expr, $group:expr, $num:expr, $len:expr) => {
        $inout
        | (($len as $crate::sys::ioctl::ioctl_num_type
            & $crate::sys::ioctl::IOCPARM_MASK)

            << 16)
        | (($group as $crate::sys::ioctl::ioctl_num_type) << 8)
        | ($num as $crate::sys::ioctl::ioctl_num_type)
    };
}

/// Generate an ioctl request code for a command that passes no data.
///
/// This is equivalent to the `_IO()` macro exposed by the C ioctl API.
///
/// You should only use this macro directly if the `ioctl` you're working
/// with is "bad" and you cannot use `ioctl_none!()` directly.
///
/// # Example
///
/// ```
/// #![macro_use] extern crate nix;
/// const KVMIO: u8 = 0xAE;
/// ioctl_write_int_bad!(kvm_create_vm, request_code_none!(KVMIO, 0x03));
/// # fn main() {}
/// ```
#[macro_export(local_inner_macros)]
macro_rules! request_code_none {
    ($g:expr, $n:expr) => {
        ioc!($crate::sys::ioctl::VOID, $g, $n, 0)
    };
}

```

```

}

/// Generate an ioctl request code for a command that passes an integer
///
/// This is equivalent to the `_IOWINT()` macro exposed by the C ioctl API.
///
/// You should only use this macro directly if the
/// `ioctl` you're working
/// with is "bad" and you cannot use `ioctl_write_int!()` directly.
#[macro_export(local_inner_macros)]
macro_rules! request_code_write_int {
    ($g:expr, $n:expr) => {
        ioc!(
            $crate::sys::ioctl::VOID,
            $g,
            $n,
            ::std::mem::size_of::<$crate::libc::c_int>()
        )
    };
}

```

```

/// Generate an ioctl request code for a command that reads.
///
/// This is equivalent to the `_IOR()` macro exposed by the C ioctl API.
///
/// You should only use this macro directly if the `ioctl` you're working
/// with is "bad" and you cannot use `ioctl_read!()` directly.
///
/// The read/write direction is relative to userland, so this
/// command would be userland is reading and the kernel is
/// writing.
#[macro_export(local_inner_macros)]
macro_rules! request_code_read {
    ($g:expr, $n:expr, $len:expr) => {
        ioc!($crate::sys::ioctl::OUT, $g, $n, $len)
    };
}

```

```

/// Generate an ioctl request code for a command that writes.
///
///
/// This is equivalent to the `_IOW()` macro exposed by the C ioctl API.
///
/// You should only use this macro directly if the `ioctl` you're working
/// with is "bad" and you cannot use `ioctl_write!()` directly.
///
/// The read/write direction is relative to userland, so this
/// command would be userland is writing and the kernel is

```

```

/// reading.
#[macro_export(local_inner_macros)]
macro_rules! request_code_write {
    ($g:expr, $n:expr, $len:expr) => {
        ioc!($crate::sys::ioctl::IN, $g, $n, $len)
    };
}

/// Generate an ioctl request code for a command that reads and writes.
///
/// This is equivalent to the `_IOWR()` macro exposed by the C ioctl API.
///
/// You should only use this macro directly if the `ioctl` you're working
/// with is "bad" and you cannot use `ioctl_readwrite!()` directly.
#[macro_export(local_inner_macros)]
macro_rules! request_code_readwrite {
    ($g:expr, $n:expr, $len:expr) => {
        ioc!($crate::sys::ioctl::INOUT, $g, $n, $len)
    };
}

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"#

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g. Mit "Sie" bzw. "Ihnen" ist die natürliche oder juristische Person gemeint, die in dieser Lizenz im Abschnitt 3 genannte Nutzungen des Schutzgegenstandes vornimmt und zuvor in Hinblick auf den Schutzgegenstand nicht gegen Bedingungen dieser Lizenz verstößt oder aber die ausdrückliche Erlaubnis des Lizenzgebers erhalten hat, die durch diese Lizenz gewährten Nutzungsrechte trotz eines vorherigen Verstoßes auszuüben.

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b. den Schutzgegenstand, allein oder in Sammelwerke aufgenommen, öffentlich zu zeigen und zu verbreiten.

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i. Den Namen (oder das Pseudonym, falls ein solches verwendet wird) des Rechteinhabers und / oder, falls der Lizenzgeber im Rechtevermerk, in den Nutzungsbedingungen oder auf andere angemessene Weise eine Zuschreibung an Dritte vorgenommen hat (z.B. an eine Stiftung, ein Verlagshaus oder eine Zeitung) ("Zuschreibungsempfänger"), Namen bzw. Bezeichnung dieses oder dieser Dritten;

ii. den Titel des Inhaltes;

iii. in einer praktikablen Form den Uniform-Resource-Identifier (URI, z.B. Internetadresse), den der Lizenzgeber zum Schutzgegenstand angegeben hat, es sei denn, dieser URI verweist nicht auf den Rechtevermerk oder die Lizenzinformationen zum Schutzgegenstand.

Die nach diesem Abschnitt 4.c) erforderlichen Angaben können in jeder angemessenen Form gemacht werden; im Falle eines Sammelwerkes müssen diese Angaben das Minimum darstellen und bei gemeinsamer Nennung

mehrerer Rechteinhaber dergestalt erfolgen, dass sie zumindest ebenso hervorgehoben sind wie die Hinweise auf die
brigen Rechteinhaber. Die Angaben nach diesem Abschnitt dürfen Sie ausschließlich zur Angabe der
Rechteinhaberschaft in der oben bezeichneten Weise verwenden. Durch die Ausübung Ihrer Rechte aus dieser Lizenz
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Unterstützung oder Billigung durch ihn andeuten.

d. Die oben unter 4.a) bis c) genannten Einschränkungen gelten nicht für solche Teile des Schutzgegenstandes, die
allein deshalb unter den Schutzgegenstandsbegriff fallen, weil sie als Datenbanken oder Zusammenstellungen von
Daten einen immaterialterrechtlichen Schutz eigener Art genießen.

e. Bezüglich Vergütung für die Nutzung des Schutzgegenstandes gilt Folgendes:

i. Unverzichtbare gesetzliche Vergütungsansprüche: Soweit unverzichtbare Vergütungsansprüche im Gegenzug für
gesetzliche Lizenzen vorgesehen oder Pauschalabgabensysteme (zum Beispiel für Leermedien) vorhanden sind, behält
sich der Lizenzgeber das ausschließliche Recht vor, die entsprechende Vergütung einzuziehen für jede Ausübung eines
Rechts aus dieser
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ii. Vergütung bei Zwangslizenzen: Sofern Zwangslizenzen außerhalb dieser Lizenz vorgesehen sind und zustande
kommen, behält sich der Lizenzgeber das ausschließliche Recht auf Einziehung der entsprechenden Vergütung für den
Fall vor, dass Sie eine Nutzung des Schutzgegenstandes für andere als die in Abschnitt 4.b) als nicht-kommerziell
definierten Zwecke vornehmen, verzichtet für allebrigen, lizenzgerechten Fälle von Nutzung jedoch auf jegliche
Vergütung.

iii. Vergütung in sonstigen Fällen: Bezüglich lizenzgerechter Nutzung des Schutzgegenstandes durch Sie, die nicht
unter die beiden vorherigen Abschnitte (i) und (ii) fällt, verzichtet der Lizenzgeber auf jegliche Vergütung, unabhängig
davon, ob eine Einziehung der Vergütung durch ihn selbst oder nur durch eine Verwertungsgesellschaft möglich wäre.
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dass Sie eine Nutzung des Schutzgegenstandes für andere als die in Abschnitt 4.b) als nicht-kommerziell definierten
Zwecke vornehmen.

f. Persönlichkeitsrechte bleiben - soweit sie bestehen - von dieser Lizenz unberührt.

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```
use crate::errno::Errno;
```

```
use crate::sys::signal::Signal;
```

```
use crate::unistd::Pid;
```

```
use crate::Result;
```

```
use cfg_if::cfg_if;
```

```
use libc::{self, c_int};
```

```
use std::ptr;
```

```
pub type RequestType = c_int;
```

```
cfg_if! {
```

```
    if #[cfg(any(freebsdlike, apple_targets, target_os = "openbsd"))] {
```

```
        #[doc(hidden)]
```

```
        pub type AddressType = *mut ::libc::c_char;
```

```
    } else {
```

```
        #[doc(hidden)]
```

```
        pub type AddressType = *mut ::libc::c_void;
```

```
    }
```

```
}
```

```
libc_enum! {
```

```
    #[repr(i32)]
```

```
    /// Ptrace Request enum defining the action to be taken.
```

```
    #[non_exhaustive]
```

```
    pub enum Request {
```



```

    PT_TRACE_ME,
    PT_READ_I,
    PT_READ_D,
    #[cfg(apple_targets)]
    PT_READ_U,
    PT_WRITE_I,
    PT_WRITE_D,
    #[cfg(apple_targets)]
    PT_WRITE_U,
    PT_CONTINUE,
    PT_KILL,
    #[cfg(any(any(freebsdlike, apple_targets),
        all(target_os = "openbsd", target_arch = "x86_64"),
        all(target_os = "netbsd", any(target_arch = "x86_64",
            target_arch = "powerpc"))))]
    PT_STEP,
    PT_ATTACH,
    PT_DETACH,
    #[cfg(apple_targets)]
    PT_SIGEXC,
    #[cfg(apple_targets)]
    PT_THUPDATE,
    #[cfg(apple_targets)]
    PT_ATTACHEXC
}
}

unsafe fn ptrace_other(
    request: Request,
    pid: Pid,
    addr: AddressType,
    data: c_int,
) -> Result<c_int> {
    unsafe {
        Errno::result(libc::ptrace(
            request as RequestType,
            libc::pid_t::from(pid),
            addr,
            data,
        ))
        .map(|_| 0)
    }
}

/// Sets the process as traceable, as with `ptrace(PT_TRACE_ME, ...)`
///
/// Indicates that this process is to be traced by its parent.
/// This is the only ptrace request to be issued by the tracee.

```

```

pub fn traceme() -> Result<()> {
  unsafe {
    ptrace_other(Request::PT_TRACE_ME, Pid::from_raw(0), ptr::null_mut(), 0)
      .map(drop)
  }
}

/// Attach to a running
process, as with `ptrace(PT_ATTACH, ...)`
///
/// Attaches to the process specified by `pid`, making it a tracee of the calling process.
pub fn attach(pid: Pid) -> Result<()> {
  unsafe {
    ptrace_other(Request::PT_ATTACH, pid, ptr::null_mut(), 0).map(drop)
  }
}

/// Detaches the current running process, as with `ptrace(PT_DETACH, ...)`
///
/// Detaches from the process specified by `pid` allowing it to run freely, optionally delivering a
/// signal specified by `sig`.
pub fn detach<T: Into<Option<Signal>>>>(pid: Pid, sig: T) -> Result<()> {
  let data = match sig.into() {
    Some(s) => s as c_int,
    None => 0,
  };
  unsafe {
    ptrace_other(Request::PT_DETACH, pid, ptr::null_mut(), data).map(drop)
  }
}

/// Restart the stopped tracee process, as with `ptrace(PTRACE_CONT, ...)`
///
/// Continues the execution of the process with PID `pid`, optionally
/// delivering a signal specified by `sig`.
pub fn cont<T: Into<Option<Signal>>>>(pid: Pid, sig: T)
-> Result<()> {
  let data = match sig.into() {
    Some(s) => s as c_int,
    None => 0,
  };
  unsafe {
    // Ignore the useless return value
    ptrace_other(Request::PT_CONTINUE, pid, 1 as AddressType, data)
      .map(drop)
  }
}

```

```

/// Issues a kill request as with `ptrace(PT_KILL, ...)`
///
/// This request is equivalent to `ptrace(PT_CONTINUE, ..., SIGKILL);`
pub fn kill(pid: Pid) -> Result<()> {
    unsafe {
        ptrace_other(Request::PT_KILL, pid, 0 as AddressType, 0).map(drop)
    }
}

/// Move the stopped tracee process forward by a single step as with
/// `ptrace(PT_STEP, ...)`
///
/// Advances the execution of the process with PID `pid` by a single step optionally delivering a
/// signal specified by `sig`.
///
/// # Example
/// ```rust
/// use nix::sys::ptrace::step;
/// use nix::unistd::Pid;
/// use nix::sys::signal::Signal;
/// use nix::sys::wait::*;
/// // If a process changes state to the stopped state because of a SIGUSR1
/// // signal,
/// this will step the process forward and forward the user
/// // signal to the stopped process
/// match waitpid(Pid::from_raw(-1), None) {
///     Ok(WaitStatus::Stopped(pid, Signal::SIGUSR1)) => {
///         let _ = step(pid, Signal::SIGUSR1);
///     }
///     _ => {},
/// }
/// ```
#[cfg(any(
    any(freebsdlike, apple_targets),
    all(target_os = "openbsd", target_arch = "x86_64"),
    all(
        target_os = "netbsd",
        any(target_arch = "x86_64", target_arch = "powerpc")
    )
))]
pub fn step<T: Into<Option<Signal>>>(pid: Pid, sig: T) -> Result<()> {
    let data = match sig.into() {
        Some(s) => s as c_int,
        None => 0,
    };
    unsafe {
        ptrace_other(Request::PT_STEP, pid, ptr::null_mut(), data).map(drop)
    }
}

```

```

}

/// Reads a word from a processes memory at the given address
/// Technically, ptrace doesn't dereference the pointer. It passes it directly
/// to the kernel.
#[allow(clippy::not_unsafe_ptr_arg_deref)]
pub fn read(pid: Pid, addr: AddressType)
-> Result<c_int> {
    unsafe {
        // Traditionally there was a difference between reading data or
        // instruction memory but not in modern systems.
        ptrace_other(Request::PT_READ_D, pid, addr, 0)
    }
}

/// Writes a word into the processes memory at the given address
/// Technically, ptrace doesn't dereference the pointer. It passes it directly
/// to the kernel.
#[allow(clippy::not_unsafe_ptr_arg_deref)]
pub fn write(pid: Pid, addr: AddressType, data: c_int) -> Result<> {
    unsafe { ptrace_other(Request::PT_WRITE_D, pid, addr, data).map(drop) }
}

```

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Version 1.0 dated 2006-09-05.

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Version 1.1 - 26 February 2007

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1.329 serde_core 1.0.228

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1.330 libm 0.2.15

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1.333 intrusive-collections 0.9.7

1.333.1 Available under license :

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Version 2.0, January 2004

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1.334 zookeeper 3.9.4

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```
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-jar/org/apache/zookeeper/audit/Slf4jAuditLogger.java/*  
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-jar/org/apache/zookeeper/server/quorum/Observer.java/*  
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-jar/org/apache/zookeeper/server/watch/WatchManager.java/*
```

Found in path(s):

```
* }
```

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```
<?xml version="1.0" encoding="UTF-8"?>
```

Found in path(s):

```
* /zookeeper-3-9-4-sources-2-jar/META-INF/maven/org.apache.zookeeper/zookeeper/pom.xml
```

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```
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-jar/org/apache/zookeeper/server/persistence/FilePadding.java/*
```

Found in path(s):

```
* </html>
```

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```
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-jar/org/apache/zookeeper/AddWatchMode.java/*  
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-jar/org/apache/zookeeper/AsyncCallback.java/*  
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
```

jar/org/apache/zookeeper/ClientCnxn.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/ClientCnxnSocket.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/ClientCnxnSocketNIO.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/ClientCnxnSocketNetty.java/*
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jar/org/apache/zookeeper/ClientWatchManager.java/*
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jar/org/apache/zookeeper/CreateMode.java/*
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jar/org/apache/zookeeper/server/quorum/QuorumCnxManager.java/*
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jar/org/apache/zookeeper/server/quorum/QuorumMXBean.java/*
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jar/org/apache/zookeeper/server/quorum/QuorumPeer.java/*
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jar/org/apache/zookeeper/server/quorum/QuorumPeerConfig.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/QuorumPeerMain.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/QuorumStats.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/QuorumZooKeeperServer.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/ReadOnlyBean.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/ReadOnlyRequestProcessor.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/ReadOnlyZooKeeperServer.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/RemotePeerBean.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/RemotePeerMXBean.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/SendAckRequestProcessor.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/ServerBean.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/ServerMXBean.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/StateSummary.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/SyncThrottleException.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/SyncedLearnerTracker.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/UnifiedServerSocket.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-

jar/org/apache/zookeeper/server/quorum/UpgradeableSessionTracker.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/Vote.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/auth/NullQuorumAuthLearner.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/auth/NullQuorumAuthServer.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/auth/QuorumAuth.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/auth/QuorumAuthLearner.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
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/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/auth/SaslQuorumAuthLearner.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/auth/SaslQuorumAuthServer.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/auth/SaslQuorumServerCallbackHandler.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/flexible/QuorumHierarchical.java/*
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jar/org/apache/zookeeper/server/quorum/flexible/QuorumMaj.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/quorum/flexible/QuorumOracleMaj.java/*
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jar/org/apache/zookeeper/server/quorum/flexible/QuorumVerifier.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/util/AdHash.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/util/AuthUtil.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/util/BitHashSet.java/*
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jar/org/apache/zookeeper/server/util/BitMap.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/util/CircularBuffer.java/**
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/util/ConfigUtils.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/util/JvmPauseMonitor.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/util/KerberosUtil.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/util/LogChopper.java/*
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jar/org/apache/zookeeper/server/util/MessageTracker.java/**
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-

jar/org/apache/zookeeper/server/util/OSMXBean.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/util/QuotaMetricsUtils.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/util/RateLimiter.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/util/RequestPathMetricsCollector.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/util/SerializeUtils.java/*
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jar/org/apache/zookeeper/server/util/VerifyingFileFactory.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/util/ZxidUtils.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/watch/IDeadWatcherListener.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/watch/IWatchManager.java/*
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jar/org/apache/zookeeper/server/watch/PathParentIterator.java/**
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jar/org/apache/zookeeper/server/watch/WatchManagerFactory.java/*
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jar/org/apache/zookeeper/server/watch/WatchManagerOptimized.java/*
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jar/org/apache/zookeeper/server/watch/WatchStats.java/*
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jar/org/apache/zookeeper/server/watch/WatcherCleaner.java/*
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/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
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/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/server/watch/WatchesPathReport.java/*
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jar/org/apache/zookeeper/server/watch/WatchesReport.java/*
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jar/org/apache/zookeeper/server/watch/WatchesSummary.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/util/CircularBlockingQueue.java/**
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jar/org/apache/zookeeper/util/PemReader.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
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/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/util/ServiceUtils.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-
jar/org/apache/zookeeper/version/Info.java/*
/opt/cola/permits/2741876222_1762362717.455012/0/zookeeper-3-9-4-sources-2-

jar/org/apache/zookeeper/version/VersionInfoMain.java/*

Found
in path(s):
*

1.335 bctls-fips 2.1.22

1.335.1 Available under license :

No license file was found, but licenses were detected in source scan.

package org.bouncycastle.tls;

Found in path(s):
* /bctls-fips-2-1-22-sources-jar/org/bouncycastle/tls/DTLSClientProtocol.java
No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2743117758_1762986935.063331/0/bctls-fips-2-1-22-sources-jar/org/bouncycastle/tls/ProtocolName.javapackage org.bouncycastle.tls;
/opt/cola/permits/2743117758_1762986935.063331/0/bctls-fips-2-1-22-sources-jar/org/bouncycastle/tls/TlsClientProtocol.javapackage org.bouncycastle.tls;

Found in path(s):
*

1.336 splunk-otel-javaagent 2.20.1

1.336.1 Available under license :

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splunk-otel-javaagent

Dependency License Report

2025-09-22 12:36:54 PDT

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```
**1** **Group:** `com.squareup.okhttp3` **Name:** `okhttp-jvm` **Version:** `5.1.0`  
> - **POM Project URL:** [https://square.github.io/okhttp/](https://square.github.io/okhttp/)  
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**2** **Group:** `com.squareup.okio` **Name:** `okio` **Version:** `3.15.0`  
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**3** **Group:** `com.squareup.okio` **Name:** `okio-jvm` **Version:** `3.15.0`  
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```
**4**
```

```
**Group:** `io.opentelemetry` **Name:** `opentelemetry-api` **Version:** `1.54.1`  
> - **POM Project URL:** [https://github.com/open-telemetry/opentelemetry-java](https://github.com/open-
```

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telemetry/opentelemetry-java)
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**5** **Group**: io.opentelemetry **Name**: opentelemetry-common **Version**: 1.54.1
> - **POM Project URL**: [https://github.com/open-telemetry/opentelemetry-java](https://github.com/open-telemetry/opentelemetry-java)
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**6** **Group**: io.opentelemetry **Name**: opentelemetry-context **Version**: 1.54.1
> - **POM Project URL**: [https://github.com/open-telemetry/opentelemetry-java](https://github.com/open-telemetry/opentelemetry-java)
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**7** **Group**: io.opentelemetry **Name**: opentelemetry-exporter-common **Version**: 1.54.1
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**9** **Group**: io.opentelemetry **Name**: opentelemetry-exporter-otlp-common
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**10** **Group**: io.opentelemetry **Name**: opentelemetry-exporter-sender-okhttp **Version**: 1.54.1
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**Version:** `2.20.1-alpha`

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1.338 rocksdb 1.5.7

1.338.1 Available under license :

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```
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/Statistics.class
(Lorg/rocksdb/StatsLevel;)V /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/Statistics.class org/rocksdb/StatsLevel
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/Statistics.class
```

Found in path(s):

* setStatsLevel

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```
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/AbstractSlice.class!(Lorg/rocksdb/AbstractSlice<*>;)Z
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/AbstractSlice.class
AbstractSlice.java
```

Found in path(s):

* (Lorg/rocksdb/AbstractSlice;)Z

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```
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/AbstractCompactionFilter.class;<T:Lorg/rocksdb/AbstractSlice<*>;>Lorg/rocksdb/RocksObject;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/AbstractSlice.class
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/AbstractSlice.class
org/rocksdb/AbstractSlice
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/ColumnFamilyOptions.classGLorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/AbstractSlic
e<*>;>; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/ColumnFamilyOptions.classj(Lorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/AbstractSlice
<*>;>;)Lorg/rocksdb/ColumnFamilyOptions; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-
4-2-
jar/org/rocksdb/ColumnFamilyOptions.classI()Lorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/AbstractSlic
e<*>;>; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/ColumnFamilyOptionsInterface.classL(Lorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/Ab
stractSlice<*>;>;)TT; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/ColumnFamilyOptionsInterface.classI()Lorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/Ab
stractSlice<*>;>; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/CompactRangeOptions.class setFullHistoryTSLow
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/CompactRangeOptions.class fullHistoryTSLow
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/DirectSlice.class
Lorg/rocksdb/DirectSlice; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/DirectSlice.class createNewDirectSlice0
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/DirectSlice.class
```

```

createNewDirectSlice1 /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/DirectSlice.class2Lorg/rocksdb/AbstractSlice<Ljava/nio/ByteBuffer;>;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/DirectSlice.class
DirectSlice.java
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/DirectSlice.class
org/rocksdb/DirectSlice
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/DirectSlice.class
org/rocksdb/AbstractSlice /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/Options.classGLorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/AbstractSlice<*>;>;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/Options.class^(Lorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/AbstractSlice<*>;>;)Lorg/r
ocksdb/Options; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/Options.classI()Lorg/rocksdb/AbstractCompactionFilter<+Lorg/rocksdb/AbstractSlice<*>;>;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/ReadOptions.class
Lorg/rocksdb/AbstractSlice; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/ReadOptions.class
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class
org/rocksdb/StatsLevel
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class&Illegal
value provided for StatsLevel.
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/TableProperties.class#getSlowCompressionEstimatedDataSize
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/WBWIRocksIterator.class org/rocksdb/DirectSlice
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/WBWIRocksIterator.class Lorg/rocksdb/DirectSlice;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/WBWIRocksIterator$WriteEntry.class Lorg/rocksdb/DirectSlice;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/WBWIRocksIterator$WriteEntry.class^(Lorg/rocksdb/WBWIRocksIterator$WriteType;Lorg/rocksd
b/DirectSlice;Lorg/rocksdb/DirectSlice;)V /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-
2-jar/org/rocksdb/WBWIRocksIterator$WriteEntry.class ()Lorg/rocksdb/DirectSlice;
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/WBWIRocksIterator$WriteEntry.class org/rocksdb/DirectSlice

```

Found

in path(s):

*

No license file was found, but licenses were detected in source scan.

```

/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/Statistics.class
()Lorg/rocksdb/StatsLevel; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-
jar/org/rocksdb/Statistics.class

```

Found in path(s):

* statsLevel

No license file was found, but licenses were detected in source scan.

```
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/SstFileWriter.class  
org/rocksdb/DirectSlice /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-  
jar/org/rocksdb/Statistics.class
```

Found in path(s):

* (Lorg/rocksdb/DirectSlice;)V

No license file was found, but licenses were detected in source scan.

```
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-  
jar/org/rocksdb/AbstractSlice.class!(Lorg/rocksdb/AbstractSlice<*>;)I  
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/AbstractSlice.class
```

Found in path(s):

* (Lorg/rocksdb/AbstractSlice;)I

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```
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/Statistics.class  
(B)Lorg/rocksdb/StatsLevel; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-  
jar/org/rocksdb/StatsLevel.class Lorg/rocksdb/StatsLevel;  
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class  
[Lorg/rocksdb/StatsLevel; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-  
jar/org/rocksdb/StatsLevel.class ()[Lorg/rocksdb/StatsLevel;  
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-  
jar/org/rocksdb/StatsLevel.class,(Ljava/lang/String;)Lorg/rocksdb/StatsLevel;  
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class  
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class  
(B)Lorg/rocksdb/StatsLevel; /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-  
jar/org/rocksdb/StatsLevel.class*Ljava/lang/Enum<Lorg/rocksdb/StatsLevel;>;  
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/StatsLevel.class  
StatsLevel.java
```

Found

in path(s):

* getStatsLevel

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```
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-  
jar/org/rocksdb/ReadOptions.class6(Lorg/rocksdb/AbstractSlice;)Lorg/rocksdb/ReadOptions;  
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-  
jar/org/rocksdb/ReadOptions.class9(Lorg/rocksdb/AbstractSlice<*>;)Lorg/rocksdb/ReadOptions;  
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/ReadOptions.class  
org/rocksdb/AbstractSlice /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-  
jar/org/rocksdb/Slice.class Lorg/rocksdb/AbstractSlice<[B>;  
/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/Slice.class  
org/rocksdb/AbstractSlice /opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-  
jar/org/rocksdb/SstFileWriter.class5(Lorg/rocksdb/DirectSlice;Lorg/rocksdb/DirectSlice;)V
```

/opt/cola/permits/2730364445_1765272273.7699447/0/rocksdbjni-10-4-2-jar/org/rocksdb/SstFileWriter.class

Found

in path(s):

* Lorg/rocksdb/AbstractSlice<*>;

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<?xml version="1.0" encoding="UTF-8"?>

Found in path(s):

* /rocksdbjni-10-4-2-jar/META-INF/maven/org.rocksdb/rocksdbjni/pom.xml

1.339 busybox 1.37.0-r20

1.339.1 Available under license :

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Julian Seward, Cambridge, UK.

jseward@bzip.org

bzip2/libbzip2 version 1.0.4 of 20 December 2006

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